

Public Spending Code Quality Assurance Report 2022

Cork County Council



Comhairle Contae Chorcaí

Cork County Council


For submission to the National Oversight and Audit Commission in compliance with
the Public Spending Code

Certification

The Annual Quality Assurance Report reflects Cork County Council's assessment of its Public Spending Code compliance based on the best available financial, organisational and performance related information relating to the organisation's various areas of responsibility.

Signature of Accounting Officer:

Date:



Tim Lucey
Chief Executive



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Appendix 1: Inventory of projects and programmes above €0.5m

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1. Introduction

Cork County Council has completed this Quality Assurance Report as part of its on-going Public Spending Code compliance.

The Public Spending Code endeavors to ensure that the state achieves value for money in the use of all public funds. This Quality Assurance Report provides an overview of how Cork County Council seeks to apply Public Spending Code principles with both capital and current expenditure.

This Quality Assurance process contains 5 steps:

1. An inventory of projects/programmes at the different stages of the Project Life Cycle.
2. Online publication of procurement information relative to projects in excess of 10 million euro. Specifically, those in progress or completed in the year under review.
3. Complete checklists relative to different capital and current expenditure programs stages.
4. In-depth check on a number of projects/programmes.
5. Summary Report.

2. Expenditure Analysis

2.1 Project/Programme Inventory

This section details the inventory drawn up by Cork County Council in accordance with the guidance on the Quality Assurance process. The inventory lists all of the Council's projects and programmes at various stages of the project life cycle which amount to more than €0.5m. This inventory is divided between current and capital projects and across three stages:

- A) Expenditure being considered
 - B) Expenditure being incurred
 - C) Expenditure that has recently ended
-
- Cork County Council's (CCC) Annual Capital Programme, Annual Budget and AFS inform this inventory.
 - The capital projects listed are from the 2021-2023 Capital Programme.
 - All current (revenue) expenditure includes pay.
 - Certain current revenue and capital projects are aggregates of numerous smaller projects or multiyear projects. These are included in the inventory because the overall project exceeds €500,000 euro even though some spending falls outside the reporting period.
 - The inventory excludes water capital projects as Irish Water oversees same (albeit with CCC as an agent).

The full inventory can be found in **Appendix 1** of this report.

2.2 Summary Information of Procurement > 10 m Euro

As part of the Quality Assurance process, Internal Audit were advised by the Procurement Section that no new procurement contracts in excess of €10m were advertised by Cork County Council in the year ended December 2022.

3. Assessment of Compliance

3.1 Public Spending Code Checklists

These checklists summarise Cork County Council's PSC compliance.

The Checklist scoring mechanism is as follows

- I. Scope for significant improvements = a score of 1
- II. Compliant but with some improvement necessary = a score of 2
- III. Broadly compliant = a score of 3

In some cases, fields are marked as N/A and information is included in the comment box.

The completed checklists show the extent to which practitioners in Cork County Council believe they comply with the Public Spending Code. They show the result of a self-assessment exercise completed by the project owners within the various Directorates and Departments of the Council. Overall, the checklists show that directorates believe that there is a good level of compliance with the Code.

The median scores from completed checklists are set out in **Appendix 2** of this report.

3.2 In-depth checks Summary

Cork County Council has carried out In-Depth checks required under Step 4 of the Quality Assurance process. For 2022, the following projects/ programmes were selected.

Review Area	Current Expenditure	Capital Expenditure	Value
1. Wastewater Treatment	Yes (Under Progress)		€6,758,095
2. Carrigaline Western Relief Road		Capital Expenditure Being Incurred	€20,360,954
3. River Ilen (Skibbereen) Flood Relief Scheme		Capital Expenditure Being Incurred	€33,531,404
4. TSS Hazelbrook Spa Glen Housing Units		Capital Expenditure Completed	€16,244,199

These reviews cover approximately 5.16% of Cork County Council's total capital expenditure of €1,357,963,049 and 1.69% of current expenditure of €399,085,924 for 2022.

Cork County Council's Capital Project inventory has increased by €419,607,975 since the 2021 return (approx. 31% increase).

The set of completed In-depth check reports are contained in **Appendix 3** of this report.

1. In-Depth Check Summary: Wastewater Treatment

The following section presents a summary of the outcomes of the In-Depth Check on the **Wastewater Treatment** Service.

Internal Audit carried out an in-depth check on the **Wastewater Treatment** Service in Cork County Council. Internal Audit liaised with staff in the Water Services and Finance Directorate and received reports and details on operations, management, and financial aspects of the programme of operation.

The objective is to operate and maintain wastewater infrastructure to high environmental standards in accordance with EPA licences and regulations and to eliminate environmental pollution via discharges to receiving surface waters. This is accomplished by monitoring, regular testing and carrying out of required works at wastewater treatment plants and networks. It was noted that this element on the budget relates to wages and minimal Laboratory expenditure.

Overall, the actual expenditure was in line with budgeted expenditure and the service was managed effectively.

The in-depth review of **Wastewater Treatment** indicates that the management of this Revenue budget demonstrates broad compliance with the Public Spending Code.

Further detail can be found in Appendix 3

2. In-Depth Check Summary: Carrigaline Western Relief Road

The following section presents a summary of the outcomes of the In-Depth Check on the **Carrigaline Western Relief Road**.

The project provides for a new 750m single carriageway road on the western side of Carrigaline town, connecting the R613 Ballea Road on the northern side of the town, with the R611 Kilmoney Road on the southern side of the town. The road also connects the Soccer Club Road. The CWRR encompasses a new bridge crossing to the Owenaboy river, and new signalised junctions at Ballea Road and Kilmoney Road. Two access points for future development of the area are provided, and a connection to the rear of Supervalu car park. A cycle track and wide footpaths are included in the project, along with two pump stations; a northern pump station and southern pump station.

This road development greatly reduces traffic flow through the Main Street of Carrigaline, especially heavy goods vehicles. The reduction in traffic volume provides significant relief to the town of Carrigaline and will allow for urban renewal of the urban area.

Changes in the works requirements as requested by the National Transport Authority resulted in significant extra claims and delay costs in the contract. In addition to these changes the Government introduced the ex-gratia inflation framework which resulted in extra costs to this scheme. The above items increased project costs in the order of €1.5m. Contractor claims made up the balance of the price differences.

The in-depth review of the **Carrigaline Western Relief Road** indicates that the project is broadly compliant with the requirements of the Public Spending Code.

Further detail can be found in Appendix 3

3. River Ilen (Skibbereen) Flood Relief Scheme

The following section presents a summary of the outcomes of this In-Depth Check on the **River Ilen (Skibbereen) Flood Relief Scheme**.

The market town of Skibbereen in west County Cork had been the victim of significant flooding over many years. Most notably in recent years the flood events of November 2009 caused widespread damage and hardship, when flood waters damaged over 150 residential and commercial properties and impacted schools, emergency services, care homes and other key infrastructure.

In response to this risk the Office of Public Works and the project team led by Cork County Council delivered a €33.5m flood relief scheme including both structural and non-structural measures, 100% funded by the OPW. The scheme was designed to protect the town from flooding from the River Ilen and its tributaries. The watercourses in the town are also tidally influenced. The works included construction of approximately 7.5km of flood defences in the form of flood embankments with and without sheet piled cores, reinforced concrete walls, sheet piled walls, stormwater pumping stations, culverts and other ancillary drainage works.

The completion of this scheme in 2019 saw the implementation of the final phase of a comprehensive urban infrastructure strategy initially conceived in the 1980's. This ensures that the town now has the key transportation, wastewater and drainage

infrastructure to facilitate sustainable growth, minimise environmental risk and promote investment in the town into the future.

It will reduce flood risk for inhabitants and businesses in line with best practice, facilitate future amenity walks and public spaces along the riverbanks and enhance the public realm in the town centre.

The in-depth review of the **River Ilen (Skibbereen) Flood Relief Scheme** indicates that the project is broadly compliant with the requirements of the Public Spending Code.

Further detail can be found in Appendix 3

4. TSS Hazelbrook Spa Glen Housing Units

The following section presents a summary of the outcomes from this In-Depth Check on the **TSS Hazelbrook Spa Glen Housing Units**.

The objective of this project at Hazelbrook, Ballyvinitier, Mallow was to acquire from a private developer houses that will accommodate applicants on the social housing list. There was an obvious housing need in this area as outlined in the Assessment of Housing Needs document. The acquisition includes 16 no. 2 bed ground floor apartments, 8 no. 2 bed mid terrace townhouses, 8 no. 3 bed end of terrace townhouses, 16 no. 3 bed duplex, 18 no. 3 bed semi-detached and 2 no. 4 bed semi-detached houses.

There were two approvals from the Department of Housing, Planning and Local Government for this project. The reason for this was that An Bord Pleanala increased the site density of the development from 100 houses to 149 under the Strategic Housing Development Process. The developer then revised his proposal on the number of units from 50 to 68 units.

The delivery of these Units was delayed with 294 repair requests on these properties to date. A large number of these repair requests were duplicate requests and the majority related to the operation of the air to water heating system in the property. The delays in delivering the project were a result of the measures & restrictions arising from the Covid pandemic and associated supply chain issues and labour shortages

The in-depth review of the **TSS Hazelbrook Spa Glen Housing Units** indicates that the project is broadly compliant with the requirements of the Public Spending Code. However, although review discussions are a standing agenda item on Housing Management Team meetings, it is noted that no post-project reviews are published for Turnkey projects and should probably be considered further by Management.

4. Summary Report & Conclusion

Cork County Council considers that it broadly complies with Public Spending Code requirements.

In terms of future progress within Cork County Council: Cork County Council is currently commencing a project that will deliver a new Financial Management System. As part of this project processes will be reviewed with the objective of further development and integration of core components and principles of the PSC into revised processes.

The process of completing the Public Spending Code Return continues to lead to increased awareness of same across the organisation.

Appendix 1
Inventory of Projects and Programmes above €0.5m

Expenditure being Considered - Greater than €0.5m (Capital and Current)							
Project/Scheme/Programme Name	Short Description	Current Expenditure Amount in Reference Year	Capital Expenditure Amount in Reference Year (Non Grant)	Capital Expenditure Amount in Reference Year (Grant)	Project/Programme Anticipated Timeline	Projected Lifetime Expenditure	Explanatory Notes
Revenue							
Housing							
Housing Maint/Improv LA Housing Units	Maint/Improv LA Housing Units	€ 1,359,792					
Housing Admin Homeless Service	Admin Homeless Service	€ 1,207,655					
Housing Support to Housing Capital Prog	Support to Housing Capital Pro	€ 2,287,510					
Housing Loans	Housing Loans	€ 1,048,925					
Housing Grant	Housing Grant	€ 1,215,019					
Roads							
Regional Road - Maint & Improv	Regional Road - Maint & Improv	€ 514,074					
Water Services							
Water Supply	Water Supply	€ 1,956,014					
Waste Water Treatment	Waste Water Treatment	€ 803,687					
Admin Group Schemes & Private	Admin Group Schemes & Private	€ 678,947					
Development Management							
Economic Development & Promotion	Development Management	€ 523,595					
Environmental Services							
Landfill Operation & Aftercare	Landfill Operation & Aftercare	€ 542,876					
Recovery & Recycle Facility Op	Recovery & Recycle Facility Op	€ 506,155					
Maintenance of Burial Grounds	Maintenance of Burial Grounds	€ 529,710					
Operation of Fire Service	Operation of Fire Service	€ 1,780,559					
Recreation & Amenity							
Leisure Facilities Operation	Leisure Facilities Operation	€ 571,460					
Operation of Library & Archive	Operaiton of Library & Archive	€ 1,029,562					
Ourdoor Leisure Areas Operation	Outdoor Leisure Areas Op.	€ 579,284					
Miscellaneous Services							
Profit/Loss Machinery Account	Profit/Loss Machinery Account	€ 1,219,617					
Administration of Rates	Administration of Rates	€ 1,215,946					
Agency & Recoupable Services	Agency & Recoupable Services	€ 718,622					
Corporate Building Costs	Corporate Building Costs	€ 1,556,973					
ICT	ICT	€ 1,267,529					
Human Resources Function	Human Resources Function	€ 879,114					
Pensions & Lump Sum Costs	Pensions & Lump Sum Costs	€ 1,000,971					
		€ 24,993,596					

Capital								
Environment								
Annabella offices new roof	Council Corporate Estate	€	-			€	1,000,000	
Ballyguyroe Landfill	Environment	€	-			€	1,250,000	
Rafeen Civic Amenity Site	Environment	€	-			€	1,050,000	
Fire Appliances	Fire	€	-			€	1,350,000	
Fermoy Weir	Flood Relief	€	-			€	4,141,985	
Skibbereen Culvert & Drainage Works	Flood Relief	€	-			€	1,839,000	
						€	10,630,985	
Housing								
Annual Program - Energy Efficiency North	Affordable Housing Scheme					€	11,528,336	Annual Programme
Annual Program - Energy Efficiency South	Affordable Housing Scheme					€	17,118,155	Annual Programme
Annual Program - Energy Efficiency West	Affordable Housing Scheme					€	6,728,250	Annual Programme
Annual Program - DPG Extensions North	Affordable Housing Scheme					€	6,418,114	Annual Programme
Annual Program - DPG Extensions South	Affordable Housing Scheme					€	9,179,014	Annual Programme
Annual Program - DPG Extensions West	Affordable Housing Scheme					€	11,777,024	Annual Programme
Social Housing Capital Programme	Social Housing					€	125,000,000	
Affordable Housing Scheme at Beechgrove Clonakilty	Affordable Housing Scheme					€	2,535,000	
Affordable Housing Scheme at Pike Road Fermoy	Affordable Housing Scheme					€	1,425,000	
Affordable Housing Scheme at Clonmore Mallow (2)	Affordable Housing Scheme					€	4,725,000	
Affordable Housing Scheme at Cammogue; Kinsale	Affordable Housing Scheme					€	6,900,000	
Affordable Housing Scheme at St. Joseph s Road Mallow	Affordable Housing Scheme					€	7,000,000	
Affordable Housing Scheme at Broomfield Midleton	Affordable Housing Scheme					€	4,800,000	
Affordable Housing Scheme at Clonmore Mallow	Affordable Housing Scheme					€	2,400,000	
Affordable Housing at The Miles Clonakilty	Affordable Housing Scheme					€	2,700,000	
Affordable Housing Scheme at the Boatyard Carrigaline	Affordable Housing Scheme					€	2,475,000	
Housing Stock Survey Repairs (Annual Programme)	Improvement/Remedial Works					€	1,225,561	Annual Programme
OSS School Line Ballineen	OSS Construction					€	2,245,475	
OSS Avoncore Midleton (Rae Avoncore) 4 units	OSS Construction					€	3,094,710	
OSS Mogeely	OSS Construction					€	3,339,350	
OSS Carrig Rossa; Rossmore	OSS Construction					€	697,052	
OSS Ard na Greine Courtmacsherry	OSS Construction					€	3,341,060	
OSS Whitegate	OSS Construction					€	3,884,150	
OSS Coachford	OSS Construction					€	8,564,137	
OSS Porter s Lane Youghal (Plas an Phoirtearaigh)	OSS Construction					€	1,969,750	
OSS Meadow View Kilbrittain	OSS Construction					€	3,725,250	
OSS Coastguard Cottages Crosshaven	OSS Construction					€	10,185,770	
OSS Greenmount Road Ballydehob (Radharc na Scol)	OSS Construction					€	4,007,250	
OSS Kilbrin Phase 2	OSS Construction					€	747,250	
Part V Castleheights Cgaline	Part V Social					€	4,969,946	
PVS Cois na Curra; Lisgoold	Part V Social					€	853,872	
PVS An Cnocan; Milleencoola Bantry	Part V Social					€	1,385,000	

PVS Ryecourt Woods Cloughduv	Part V Social				€ 1,990,040
PVS Harbour Heights Passage West	Part V Social				€ 6,363,195
PVS Vicars Glebe Coachford	Part V Social				€ 755,434
PVS Phase 2 Shannon Park Carrigaline	Part V Social				€ 3,252,126
PVS Ard Abhainn; Knockraha	Part V Social				€ 645,000
PVS Harpers Creek Glounthaune	Part V Social				€ 1,180,000
PVS The Boatyard Carrigaline	Part V Social				€ 915,000
TSS at Scarteen Newmarket	Turnkey Social Housing				€ 3,272,000
TSS Ballymacoy; Killavullen	Turnkey Social Housing				€ 4,000,000
TSS Ardmanagh Schull AHB	Turnkey Social Housing				€ 2,688,373
TSS Pike Road Fermoy	Turnkey Social Housing				€ 8,631,040
TSS Dr. Croke Place Kilbrin; Kanturk	Turnkey Social Housing				€ 692,913
TSS at The Boatyard Carrigaline	Turnkey Social Housing				€ 754,600
TSS 4 Church Place Oliver Plunket Hill Fermoy (AHB)	Turnkey Social Housing				€ 2,018,145
TSS Foxglove Close Charleville	Turnkey Social Housing				€ 3,730,612
TSS Dromahane	Turnkey Social Housing				€ 2,290,050
TSS Carrig Rossa	Turnkey Social Housing				€ 538,615
Provision Future Aff Housing	Affordable Housing Other				€ 33,000,000
PVS (2) Ard Abhainn Knckraha	Part V Social				€ 651,000
PVS USA 4 no. Meadow Dunmanway	Part V Social				€ 635,000
PVS USA 7 no. Crann Ard Fermoy	Part V Social				€ 1,182,279
PVS USA 3 no. Shanowen Rathcor	Part V Social				€ 505,000
OSS USA 9 no. Dun Larnach	OSS Construction				€ 1,780,689
OSS USA 5 no. Kilmahon Shanaga	OSS Construction				€ 851,000
PVS(8)Hzi Hill,Hzi Brks Mallow	Part V Social				€ 2,550,316
PVS Cois Maigh, Mogeely, Cork	Part V Social				€ 573,000
TSS (54) Cluain Ard Cobh Cork	Turnkey Social Housing				€ 13,917,400
					€ 376,307,304
Road Transportation & Safety					
Building Reftofit & Upgrade Newberry	Council Corporate Estate				€ 625,000
Building Upgrade & reftofit - Skibbereen machinery yard	Council Corporate Estate				€ 625,000
Carrigtwohill URDF Initiative _ Public Realm Infrastructure	Public Realm				€ 6,500,000
Kinsale Short Quay	Public Realm				€ 2,500,000
Bandon TPREP; EHUB & Office Refurb	Public Realm				€ 10,000,000
Charleville Plaza	Public Realm				€ 8,000,000
charleville public realm	Public Realm				€ 6,498,966
Mallow public Realm URDF Funding	Public Realm				€ 4,800,000
Castletownbere Public Realm	Public Realm				€ 500,000
Bandon Tprep - Phase 3 town centre	Public Realm				€ 6,250,000
Bandon TPREP - Phase 4 town periphery	Public Realm				€ 4,000,000
Bandon TPREP - phase 2 glasslinn road	Public Realm				€ 3,750,000
Macroom Town & Villages	Active Travel & Connectivity				€ 1,500,000
Mallow Town & Villages	Active Travel & Connectivity				€ 1,650,000
East Cork Town & Villages	Active Travel & Connectivity				€ 1,450,000

Bothar Guidel Bridge	Active Travel & Connectivity					€ 2,200,000	
Skibbreen Town & Villages	Active Travel & Connectivity					€ 750,000	
Footpath Programme	Active Travel & Connectivity					€ 3,000,000	
Bantry Town & Villages	Active Travel & Connectivity					€ 1,800,000	
Safe Routes to Schools	Active Travel & Connectivity					€ 9,100,000	
Carrigaline Town & Villages	Active Travel & Connectivity					€ 2,100,000	
Bandon Town & Villages	Active Travel & Connectivity					€ 2,400,000	
Cobh Town & Villages	Active Travel & Connectivity					€ 870,000	
Fermoy Towns & Villages	Active Travel & Connectivity					€ 1,500,000	
Bandon TPREP - Ballymodan Place	Active Travel & Connectivity					€ 2,950,000	
Car Park Bandon	Car Park					€ 500,000	
Castletownbere Purchase Car Park Land; Promenade and Traffic Study	Car Park					€ 500,000	
Doneraile Car Park	Car Park					€ 1,000,000	
Retrofit PL Estates taken in charge	Public Lighting					€ 500,000	
Deficits in Public Lighting	Public Lighting					€ 1,000,000	
C200841102641 N72 Annabella to Lackanamona -Phase 2	Regional/Local/Other Roads					€ 1,700,000	
R613 Ballygarvan Traffic Calming Measures	Regional/Local/Other Roads					€ 1,150,000	
New Bandon Area Ops New Yard	Regional/Local/Other Roads					€ 525,000	
R586 Ilen Bridge Realignment	Regional/Local/Other Roads					€ 5,770,000	
Ballinrea Cross Upgrade	Regional/Local/Other Roads					€ 1,985,000	
Upgrade Annabella Building	Regional/Local/Other Roads					€ 1,070,000	
R619 - Coachford Village Enhancement Scheme	Regional/Local/Other Roads					€ 500,000	
Carrigtwohill UEA Infrastructure	Regional/Local/Other Roads					€ 8,900,000	
Retrofit non-LED lights taken in charge post PLEEP	Regional/Local/Other Roads					€ 500,000	
R589 Brinny Bridge Realignment	Regional/Local/Other Roads					€ 4,838,000	
R595 Oldcourt; Skibbreen realignment	Regional/Local/Other Roads					€ 2,416,000	
R613 Road Realignment	Regional/Local/Other Roads					€ 1,200,000	
Relocation of Macroom Yard	Regional/Local/Other Roads					€ 500,000	
R600 Pewter Hole Cross Upgrade	Regional/Local/Other Roads					€ 1,200,000	
Midleton to Youghal - (including Castlemartyr & Killeagh Bypasses)	Regional/Local/Other Roads					€ 600,000	
R605 Realignment at Shippool Corner	Regional/Local/Other Roads					€ 860,000	
Public Lighting - outside of PLEEP	Regional/Local/Other Roads					€ 1,000,000	
Passage West Link	Traffic & Transportation					€ 3,830,000	
Bus Stop Enabling Works	NTA Grant					€ 600,000	
Cobh Public Realm Works	Public Realm					€ 8,000,000	
Graball Bay Rd Restore&Drainag	Regional/Local/Other Roads					€ 1,264,570	
Crgtwohil Intrm Msrs Condi55	Regional/Local/Other Roads					€ 664,486	
Crgtwohil Intrm Msrs Condi56	Regional/Local/Other Roads					€ 801,026	
YOUGHAL PUBLIC REALM WORKS	Public Realm					€ 1,915,949	
						€ 140,608,997	
Recreation & Amenity							

Bantry Library Refurbishment	Libraries					€ 1,500,000	
Western Railway Walk Bandon	Recreation and Amenities					€ 750,000	
Bantry Sports Development	Recreation and Amenities					€ 5,000,000	
Mallow Castle House - immediate roof works then walls and windows	Recreation and Amenities					€ 4,500,000	
Walkway Castlebernard	Recreation and Amenities					€ 500,000	
MY Greenway Buildings Development	Recreation and Amenities					€ 4,150,000	
Peoples Path Rostellan	Recreation and Amenities					€ 500,000	
Shambles Area Bandon	Recreation and Amenities					€ 1,000,000	
Midleton URDF (Linear Public Park)	Recreation and Amenities					€ 4,250,000	
Roycroft Old Steam Mill Building	Tourism					€ 1,450,000	
Camden Fort Universal Access	Tourism					€ 750,000	
Sustainable Playground Renewal Pg	Recreation and Amenities					€ 3,000,000	
Carhookeal Sports Grounds Phas	Recreation and Amenities					€ 1,200,000	
						€ 28,550,000	
Economic Development, Tourism & Enterprise							
Connected Hubs Mitchelstown	Connected Hubs					€ 930,000	
Integrated Planning Solution - Project	Other					€ 800,000	
						€ 1,730,000	
Agriculture/Education/Health							
DAFM 2025	Coastal Protection					€ 600,000	
BALAMI Round 3 2024	Coastal Protection					€ 600,000	
						€ 1,200,000	
Other							
PTSB Bandon Refurb	Council Corporate Estate					€ 1,300,000	
FINANCIAL MANAGEMENT SYSTEM	Council Corporate Estate					€ 880,000	
Replacement of WAN Switches and Routers	Council Corporate Estate					€ 650,000	
						€ 2,830,000	

€ 24,993,556 € - € - € - € 561,857,285

Expenditure being Considered - Greater than €0.5m (Capital and Current)								
Project/Scheme/Programme Name	Short Description	Current Expenditure Amount in Reference Year	Capital Expenditure Amount in Reference Year (Non Grant)	Capital Expenditure Amount in Reference Year (Grant)	Project/Programme Anticipated Timeline	Cumulative Expenditure to-date	Projected Lifetime Expenditure (Capital Only)*	Explanatory Notes
Revenue								
Housing								
Maint/Improv LA Housing Units	Maint/Improv LA Housing Units	€ 14,362,843						
Housing Assess, Alloc & Trans	Housing Assess, Alloc & Trans	€ 1,972,087						
Housing Rent & TP Admin	Housing Rent & TP Admin	€ 1,694,317						
Admin Homeless Service	Admin Homeless Service	€ 3,848,777						
Support to Housing Capital Pro	Support to Housing Capital Pro	€ 18,717,986						
RAS Programme	RAS Programme	€ 13,933,381						
Housing Loans	Housing Loans	€ 2,623,659						
Housing Grant	Housing Grant	€ 6,409,236						
Roads								
NP Road - Maint & Improv	NP Road - Maint & Improv	€ 605,216						
NS Road - Maint & Improv	NS Road - Maint & Improv	€ 819,683						
Reg Road - Maint & Improv	Reg Road - Maint & Improv	€ 18,932,167						
Local Road - Maint & Improv	Local Road - Maint & Improv	€ 50,408,949						
Public Lighting	Public Lighting	€ 4,873,918						
Traffic Management Improvement	Traffic Management Improvement	€ 508,297						
Road Safety Promotion/Educate	Road Safety Promotion/Educate	€ 660,090						
Car Parking	Car Parking	€ 1,701,955						
Support to Roads Capital Prog	Support to Roads Capital Prog	€ 1,367,891						
Agency & Recoupable Services	Agency & Recoupable Services	€ 2,468,731						
Water Services								
Water Supply	Water Supply	€ 17,569,557						
Waste Water Treatment	Waste Water Treatment	€ 5,954,408						
Operation & Maint Public Conv	Operation & Maint Public Conv	€ 1,696,395						
Admin Grp Schemes & Private In	Admin Grp Schemes & Private In	€ 3,114,429						
Local Authority Water	Local Authority Water	€ 2,598,249						
Development Management								
Forward Planning	Forward Planning	€ 3,778,093						
Development Management	Development Management	€ 8,392,088						

Enforcement	Enforcement	€	801,858					
Indust & Comm Facilities	Indust & Comm Facilities	€	893,920					
Tourism Development & Promot	Tourism Development & Promot	€	1,276,205					
Comm & Enterprise Function	Comm & Enterprise Function	€	2,888,740					
Building Control	Building Control	€	1,024,560					
Economic Development & Promot	Economic Development & Promot	€	9,446,520					
Heritage & Conservation Serv	Heritage & Conservation Serv	€	1,240,082					
Environmental Services								
Landfill Operation & Aftercare	Landfill Operation & Aftercare	€	4,909,622					
Recovery & Recycle Facility Op	Recovery & Recycle Facility Op	€	8,237,351					
Litter Management	Litter Management	€	2,321,090					
Street Cleaning	Street Cleaning	€	3,068,963					
Waste Regs, Monitor & Enforce	Waste Regs, Monitor & Enforce	€	2,166,076					
Maintenance of Burial Grounds	Maintenance of Burial Grounds	€	2,569,516					
Safety of Structures & Places	Safety of Structures & Places	€	2,206,545					
Operation of Fire Service	Operation of Fire Service	€	12,089,873					
Fire Prevention	Fire Prevention	€	976,056					
Water Quality,Air & Noise Poll	Water Quality,Air & Noise Poll	€	1,708,260					
Climate Change & Flooding	Climate Change & Flooding	€	1,006,782					
Recreation & Amenity								
Leisure Facilities Operation	Leisure Facilities Operation	€	2,471,172					
Operation of Library & Archive	Operation of Library & Archive	€	8,239,633					
Outdoor Leisure Areas Oper	Outdoor Leisure Areas Oper	€	4,078,584					
Comm, Sport & Rec Development	Comm, Sport & Rec Development	€	6,102,788					
Operation of Arts Programme	Operation of Arts Programme	€	2,237,409					
Agri, Educ, Health & Welfare								
Op & Maint of Piers & Harbours	Op & Maint of Piers & Harbours	€	1,570,733					
Coastal Protection	Coastal Protection	€	918,185					
Veterinary Service	Veterinary Service	€	3,066,233					
Miscellaneous Services								
Profit/Loss Machinery Account	Profit/Loss Machinery Account	€	13,314,831					
Profit/Loss Stores Account	Profit/Loss Stores Account	€	711,610					
Administration of Rates	Administration of Rates	€	15,645,356					
Local Reps & Civic Leadership	Local Reps & Civic Leadership	€	3,160,476					
Motor Taxation	Motor Taxation	€	1,626,379					
Agency & Recoupable Services	Agency & Recoupable Services	€	8,073,622					
Corporate Building Costs	Corporate Building Costs	€	6,713,980					
General Corporate Services	General Corporate Services	€	6,206,453					
ICT	ICT	€	8,309,468					

Human Resources Function	Human Resources Function	€	4,954,693					
Finance Function	Finance Function	€	3,848,723					
Pensions & Lump Sum Costs	Pensions & Lump Sum Costs	€	23,600,629					
Area Offices	Area Offices	€	1,396,950					
		€	374,092,328					
Capital								
Environment								
CROOKSTOWN FRAM	Flood Relief Works/Projects	€	0		€	257,827	€	1,785,459
RIVER ILEN (SKIB) FLOOD RISK	Flood Relief Works/Projects	€	143,173		€	33,531,404	€	38,031,404
Midleton Flood Relief Scheme	Flood Relief Works/Projects	€	353,602		€	1,440,210	€	3,613,493
Bantry Flood Relief Scheme	Flood Relief Works/Projects	€	566,320		€	714,957	€	1,949,151
Ballylickey FRAM	Flood Relief Works/Projects	€	14,066		€	14,066	€	604,066
Ballinhassig Flood Relief	Flood Relief Works/Projects	€	2,213		€	2,213	€	1,952,213
BaileMhicIre Flood Mitigation	Flood Relief Works/Projects	€	16,078		€	98,822	€	1,098,822
Ballintubber Flood Relief Work	Flood Relief Works/Projects	€	56,290		€	90,148	€	808,448
Capping Youghal Landfill	Landfills	€	9,030		€	104,010	€	3,604,010
Clonakilty Fire Station	Fire	-€	396		€	86,870	€	2,500,000
		€	1,160,376		€	36,340,527	€	55,947,066
Housing								
BEC 2020	BEC SCHEME	€	6,027		€	873,241	€	-
Ballydineen Halting Site	Housing Other	€	6,113		€	105,681	€	1,466,244
ICR 2020 Fire Damage CO	Housing Other	€	3,638		€	125,524	€	1,025,524
OSS Richmond Court, Bandon (4)	OSS Ordinary Social Housing Schemes	€	582,683		€	624,265	€	1,624,265
B&R Mill Road, Kanturk	OSS Ordinary Social Housing Schemes	-€	3,575		€	87,416	€	3,971,566
OSS Phase 4 Kilnagleary 15 no.	OSS Ordinary Social Housing Schemes	€	2,528,543		€	4,039,580	€	4,142,799
Rapid Abbeywd AnChora Midleton	OSS Rapid Construction	-€	18,209		€	429,718	€	1,250,000
OSS Beechgrove Clonakility	OSS Ordinary Social Housing Schemes	€	2,758,623		€	17,192,581	€	18,160,522
OSS Ph 2 Tower Vw Cloyne	OSS Ordinary Social Housing Schemes	€	523,722		€	547,462	€	547,462
OSS Ard na Greine, Courtmac	OSS Ordinary Social Housing Schemes	€	706,056		€	807,797	€	2,730,000
OSS Brigown Rd, Mitchelstown	OSS Ordinary Social Housing Schemes	€	10,733		€	114,146	€	2,414,146
OSS Ph1 Sleaveen East Macroom	OSS Ordinary Social Housing Schemes	€	10,733		€	126,655	€	2,426,655
OSS Ph2 Sleaveen Rd Macroom	OSS Ordinary Social Housing Schemes	€	144,679		€	431,300	€	5,076,280
OSS Townshend St, Skibb (6)	OSS Ordinary Social Housing Schemes	€	118,680		€	1,454,422	€	1,500,000
OSS Kearneys Field, Dunmanway	OSS Ordinary Social Housing Schemes	€	2,810,622		€	5,055,278	€	5,055,278

OSS 7 units@PoundLane Kilworth	OSS Ordinary Social Housing Schemes	€	1,233,577		€	1,313,350	€	2,316,900
OSS Convent Rd Doneraile (17)	OSS Ordinary Social Housing Schemes	€	3,838,153		€	3,998,812	€	8,300,242
OSS Fana Na gCrann Dungourney	OSS Ordinary Social Housing Schemes	€	78,225		€	78,225	€	625,519
PVA 7 UNITS CLUAIN REIDH,	Social Housing	€	3,694		€	2,420,974	€	2,420,974
PVA 12UNITS THE PASTURES	Social Housing	€	459,801		€	3,747,810	€	3,747,810
PART V Levis Quay Skibbereen	Part V Social	€	5,286		€	52,237	€	2,552,237
PVS NO.2 OLD GARDEN SHANAGARRY	Part V Social	€	-		€	2,031	€	502,031
PVS Abbeyfort Kinsale Phase 2	Part V Social	€	2,582		€	934,425	€	4,862,000
PVS The Miles Clonakilty (7)	Part V Social	€	1,448,918		€	1,448,918	€	1,963,918
PVS Elmbury Carrigtwohill Co.	Part V Social	€	1,053,379		€	1,053,379	€	2,343,379
PVS An Sruthan Beag Clonakilty	Part V Social	€	918,170		€	918,170	€	2,652,608
PVS Garran Ferney C'Line 5 no.	Part V Social	€	1,561,673		€	1,561,673	€	3,046,673
Site @ Old Barrack Rd, Bantry	Social Housing - Land	€	-		€	693,141	€	2,808,075
Site @ Uplands, Fermoy	Social Housing - Land	€	57,935		€	397,997	€	8,186,976
OSS Crann Ard Fermoy land acqu	Social Housing - Land	-€	925,000		€	4,767	€	904,767
TSS - Crannard Estate, Fermoy	Turnkey Social Housing	€	-		€	3,572,063	€	8,372,063
TSS Glanworth (13 Units)	Turnkey Social Housing	€	-		€	800	€	2,918,918
TSS Mill Road, Broomfield (40)	Turnkey Social Housing	€	1,710		€	11,035,663	€	11,035,663
TSS Kilmoney Carrigaline (58)	Turnkey Social Housing	€	8,865,327		€	13,931,310	€	18,431,310
TSS Ard an Bhaile, Buttevant,6	Turnkey Social Housing	€	-		€	404,100	€	1,373,000
TSS Caherdaniel Bantry	Turnkey Social Housing	€	29,186		€	1,454,186	€	6,774,186
TSS Dromdiah Pk Killeagh Gdn	Turnkey Social Housing	€	2,811,163		€	2,811,163	€	4,771,163
Affordable Hsg Campaign Suvey	Affordable Housing	€	73,484		€	73,484	€	673,484
Prelim Costs Cap Projects CO	Affordable Housing Other	€	244,345		€	650,785	€	750,000
Aff Hsg Cost Rental Kilnaglery	Affordable Housing	€	440,000		€	440,000	€	18,221,792
		€	32,390,676		€	85,014,527	€	171,946,428
Road Transportation & Safety								
LIHAF Midleton UEA	LIHAF	€	4,531,501		€	5,053,639	€	15,970,000
Non LIHAF Midleton UEA	LIHAF	€	38,830		€	486,218	€	5,086,218
N71 Lissleane to Gallanes Pave	National Roads	€	-		€	3,777,076	€	3,851,490
N71 Derry Pavement Strengthen	National Roads	€	-		€	3,318,906	€	3,378,664
N20 Ballygibbon to Ardamadane	National Roads	€	-		€	2,318,624	€	2,364,549
Pavement Design&SupervisionNRO	National Roads	€	310,683		€	1,581,310	€	3,081,310
N72 Ballymaquirke Junction	National Roads	€	54,070		€	272,643	€	4,347,643
N71 Seafield to Knockroe Pave	National Roads	€	1,866,213		€	6,879,123	€	7,834,502
Capital Maintenance NS PaveWks	National Roads	€	1		€	1,274,263	€	1,308,046
HD28 NP Pavement Renewals 2019	National Roads	€	-		€	2,535,205	€	2,893,731
HD28 NS Pavement Renewals 2019	National Roads	€	-		€	1,172,764	€	1,195,856
N72 Grange East & West PaveStr	National Roads	€	-		€	2,591,018	€	2,647,087
N71 Glasslinn Road	National Roads	€	2,363,080		€	3,158,759	€	3,333,759
N71 Bantry to Dunnamark	National Roads	€	3,097,270		€	3,100,348	€	3,282,746

N72CC RSI Implemetation	National Roads	€	81,337	€	82,321	€	582,321
N71 Glengarriff to Nat Park Cy	National Roads	€	29,147	€	39,393	€	539,393
Purchase of Mach Yd Plant Nth	Plant and Machinery	€	1,367,543	€	7,234,672	€	5,067,446
Purchase of mach Yd Plant Sth	Plant and Machinery	€	895,160	€	5,133,621	€	5,466,403
Purchase of Mach Yd Plant Wst	Plant and Machinery	€	676,527	€	5,091,412	€	5,473,398
PLEEP CCC Shared Costs	PLEEP	€	1,560,555	€	1,560,555	€	2,229,053
PLEEP Other LA's Shared Costs	PLEEP	€	2,486,815	€	2,486,815	€	3,953,055
Clare PLEEP Main Contract LA	PLEEP	€	199,139	€	199,139	€	3,571,428
Cork PLEEP Main Contract TII	PLEEP	€	48,027	€	48,027	€	1,101,905
Cork PLEEP Main Contract LA	PLEEP	€	1,659,610	€	1,659,610	€	14,049,557
Cork PLEEP ESB Attendance LA	PLEEP	€	-	Excl'd from CCAS	€	1,194,539	
Kerry PLEEP Main Contract LA	PLEEP	€	269,960	€	269,960	€	4,680,548
Kerry PLEEP ESB Attendance LA	PLEEP	€	-	Excl'd from CCAS	€	346,830	
LK PLEEP Main Contract LA	PLEEP	€	445,822	€	445,822	€	8,520,736
LK PLEEP ESB Attendance LA	PLEEP	€	-	Excl'd from CCAS	€	683,612	
Waterford PLEEP Main Cont LA	PLEEP	€	398,063	€	398,063	€	7,433,075
Waterford PLEEP ESB Att LA	PLEEP	€	-	Excl'd from CCAS	€	610,279	
Public Lighting New Lights	Public Lighting	€	318,869	€	2,510,911	€	3,660,911
Carrigaline T-PREP	Public Realm	€	550,674	€	1,199,741	€	16,749,741
Carrigaline Public Realm	Public Realm	€	63,544	€	131,248	€	2,681,248
NTA Investment Programme	Public Realm	€	1,240,768	€	2,421,384	€	5,871,384
NTA BUS STOPS UPGRADE	Public Realm	€	370,534	€	454,964	€	1,154,964
Cycle Corridors Old N25 Ctwohi	Public Realm	€	4,147,198	€	7,284,949	€	16,899,949
Little Island Sustain Trans	Public Realm	€	1,630,727	€	2,022,209	€	9,322,209
Strat Cycle B'acurra M'ton	Public Realm	€	380,123	€	1,301,521	€	19,551,521
NTA Carrigaline Gbrook Grway	Public Realm	€	504,751	€	609,083	€	10,884,083
Cobh Ferry to train stn cycle	Public Realm	€	81,095	€	81,095	€	3,181,095
Carrigtwohill to Midleton Cycl	Public Realm	€	119,215	€	160,646	€	7,165,646
Ringaskiddy Public Realm Works	Public Realm	€	47,461	€	73,007	€	2,573,007
Bandon TPREP Implementation	Public Realm	€	197,180	€	676,343	€	2,576,343
Carrigtwohill URDF funded	Public Realm	€	133,569	€	583,756	€	1,083,756
TOWN CENTRE IMPROV MIDLETON	Public Realm	€	22,120	€	1,108,660	€	5,608,660
PUBLIC REALM SKIBBEREEN	Public Realm	€	118,839	€	741,699	€	1,123,745
R600 Bowens Cross Upgrade	Regional Roads	€	3,851	€	3,851	€	1,703,851
BANTRY RELIEF ROAD 2005	Road Works	€	-	€	5,215,653	€	11,554,653
N25 CTWOHILL Plan & Design	Road Works	€	142,478	€	1,252,203	€	1,352,203
RINGASKIDDYCORKPlanning&Design	Road Works	€	39,409	€	4,847,948	€	4,947,948
RINGASKIDDY CORK - Supervision	Road Works	€	315,168	€	680,385	€	3,272,385
RINGASKIDDYCORKAdvanceWks &Oth	Road Works	€	9,077,936	€	10,504,969	€	35,504,969
RINGASKIDDYCORKLand&Prop	Road Works	€	6,051,362	€	40,455,362	€	72,455,362
BV MCRM BCLG Plan Design &Land	Road Works	€	780,022	€	27,994,162	€	30,994,162
BV MCRM BCLG ConstructContract	Road Works	€	70,234,230	€	199,453,449	€	225,953,449
BV MCRM BCLG Supervision Const	Road Works	€	2,725,463	€	8,211,977	€	10,461,977
BV MCRM BCLG Advance Wks & Oth	Road Works	€	480,975	€	11,448,137	€	11,578,137

ANNAKISHA SOUTH IMP SCHEME	Road Works	€	7,468	€	994,325	€	17,994,325
CLOGHER X-WATERDYKE REALIGN	Road Works	€	6,248,791	€	6,885,685	€	13,985,685
D'KETTLE INTERCHANGE DSG	Road Works	€	119,393	€	6,868,003	€	7,268,003
D'KETTLE INTERCHG SUPERVISION	Road Works	€	1,254,945	€	3,816,401	€	5,816,401
KANTURK ACCESS ROAD	Road Works	€	133,257	€	2,093,651	€	2,182,651
CARRIGALINE WESTEREN RELIEF RD	Road Works	€	6,281,825	€	20,360,954	€	20,860,954
Bandon Northern Relief Road	Road Works	€	29,238	€	100,056	€	15,460,056
Ballinrea Road, Carrigaline	Road Works	€	136,197	€	1,650,157	€	1,716,157
Killeagh Village Pavement Stre	Road Works	€	56,139	€	4,584,538	€	4,679,296
Mallow Northern Relief Road	Road Works	€	813,155	€	1,554,585	€	12,404,585
Midleton NNRR Broomfield Spine	Road Works	€	81,450	€	602,885	€	8,100,000
RINGASKIDDYCORKArchaeology	Roads	€	3,351,640	€	3,368,733	€	7,685,643
Bantry Culvert.	Roads	€	59,837	€	144,945	€	17,144,945
BUTTEVANT STREET DESIGN	Roads	€	-	€	6,129,148	€	6,179,148
NP/NS Safety Barrier MI 2019	Roads	€	74,639	€	225,587	€	2,225,587
MY Grrnway Connectivity	Town & Village Renewal	€	33,105	€	33,105	€	1,673,105
BV MCRM BCLG Residual Network	2017 GRANT	€	95,232	€	95,232	€	1,095,232
Upgrade Jn Bothar Guidel	2021 Grant & NTA	€	283,526	€	452,792	€	2,084,905
Great IslandConnect R624CobhRd	2022 Grant	€	54,876	€	57,951	€	847,951
N71 Glengarriff	2022 Grant	€	800,705	€	800,705	€	3,300,705
Land Acq Roads Water Rock	Land	€	2,341,395	€	2,341,395	€	5,571,395
Little Isl Ped & Cycle Bdg	NTA Grant	€	160,583	€	160,583	€	5,360,583
D'kettle Ctwohill Cycleway Ph	NTA Grant	€	303,966	€	303,966	€	2,800,000
		€	144,878,281	€	457,224,002	€	812,383,848
Recreation & Amenity							
Kinsale Library Development	Libraries	€	2,666,666	€	3,207,437	€	7,562,041
Midleton Library	Libraries	€	-	€	82,506	€	4,582,506
Youghal Library	Libraries	€	720	€	189,829	€	4,688,173
RRDF Briery GAP	Libraries	€	2,501,029	€	2,525,955	€	9,325,955
Claycastle Water Activity Faci	Failte Ireland Projects	€	20,697	€	20,697	€	1,375,697
Dursey Cable Car&Visitor Cents	Heritage/Visitor Centres	€	85,573	€	1,218,787	€	5,000,000
Acq of Land: Carhookeal Mallow	Land	-€	40	€	382,834	€	382,834
Mallow Castle Grounds	Mallow Tourism Development	€	118,571	€	2,851,958	€	4,351,958
Mallow Town Park	Mallow Tourism Development	€	96,463	€	337,059	€	3,500,000
RRDF Bdesmond Pkt Pk & Pub Rlm	Public Realm	€	64,839	€	140,556	€	1,140,556
2020 RRDF Cat 2 Mitchelstown	Public Realm	€	221,293	€	221,293	€	4,471,293
TOWN HALL THEATRE IMPROV SKIB	Town Halls & Other Buildings	€	134,849	€	619,170	€	619,170
RRDF CTHSE Youghal ReDev	Youghal Town Regeneration	€	208,828	€	338,608	€	3,638,608
Fermoy Swimming Pool FA 10003	Swimming Pool Development	€	2,993	€	232,461	€	3,432,461
Mallow Pool Building Upgrade	Swimming Pool Development	€	221	€	14,731	€	3,214,731
MALLOW BOARDWALK	Boardwalk	€	910,629	€	3,522,267	€	3,692,267
FIVE FOOT WAY COBH	Boardwalk	€	66,114	€	605,916	€	680,916
Mallow to Dungarvan Greenway	Green Route & Cycleway	€	312,537	€	352,298	€	2,052,298
Midleton To Youghal Greenway	Green Route & Cycleway	€	4,795,353	€	9,355,506	€	19,000,000

Bantry Tourism Dest Town	Public Realm	€	42,635	€	42,635	€	712,635
Muskerry Greenway Lee to Sea	2022 Grant	€	37,884	€	37,884	€	937,884
West Cork Greenway CorkSchull	2022 Grant	€	71,728	€	71,728	€	1,121,728
Cork Kinsale Greenway	2022 Grant	€	35,676	€	58,616	€	958,616
Dursey Cable Car Tower Replace	Capital Replacement	€	1,011,888	€	1,011,888	€	2,011,888
DEV CONTRIBS AMENITY SKIBB	Dev Cons Former TC	€	-	€	-	€	33,251
Little Isl Walkway & Play gd	ORIS M2	€	358,886	€	358,886	€	433,886
ORI Glengarriff to Blue Pool	ORIS M3	€	203,945	€	203,945	€	644,230
Macroom Development RRDF	Public Realm	€	209,538	€	209,538	€	10,037,947
Old Mill Skibbereen	Tourism Projects	€	-	€	300,409	€	1,400,409
		€	14,179,514	€	28,515,395	€	101,003,936
Agriculture/Education/Health							
West Cork Dredging Bundle	Coastal Protection	€	-	€	-	€	900,000
Kinsale Fisherman's Pontoon Rmo	DAFM Grant 2021	€	28,213	€	743,160	€	1,451,000
Ballycotton Harbour Dev	Piers, Harbours, Islands	€	279,734	€	297,009	€	2,000,000
		€	307,947	€	1,040,169	€	4,351,000
Other							
Env Inniscarra Energy Projects	Energy Projects	€	3,690	€	36,546	€	808,546
Cobh Heritage Centre	Heritage/Visitor Centres	€	350	€	218,340	€	1,018,340
Mallow Town Hall Theatre	Town Halls & Other Buildings	€	64,712	€	162,235	€	1,162,235
Graball Bay Waste Water Assess	Small Sewerage Schemes	€	-	€	59,507	€	-
Motor Tax Redevelopment	Offices Redevelopment	€	19,298	€	1,966,580	€	1,966,580
		€	88,050	€	2,443,208	€	4,955,701
		€	374,092,328	€	193,004,844	€	610,577,828
						€	1,150,587,979

Projects/Programmes Completed or discontinued in the reference year - Greater than €0.5m (Capital and Current)							
Project/Scheme/Programme Name	Short Description	Current Expenditure Amount in Reference Year	Capital Expenditure Amount in Reference Year (Non Grant)	Capital Expenditure Amount in Reference Year (Grant)	Project/Programme Completion Date	Final Outturn Expenditure per AFS Close 2022	Explanatory Notes
Environment							
Haulbowline Rem OperationCosts	Remedial Works		€ 39			€ 2,787,234	
New Fire Station Macroom	Fire Stations		€ 1,041,433			€ 1,866,688	
			€ 1,041,472			€ 4,653,922	
Housing							
OSS Bluepool, Kanturk	OSS Construction		€ 78,772			€ 3,304,263	
OSS Station Rd Blarney 18units	OSS Construction		€ 126,607			€ 4,956,026	
OSS Forest View, Mallow 10Unit	OSS Construction		€ 51,786			€ 2,164,976	
OSS 16 Units Madonna House	OSS Construction		€ 4,343			€ 2,874,548	
OSS Model Village Dripsey 6Unt	OSS Construction		€ 38,177			€ 1,509,325	

OSS USA 11 no. Tuarin Alainn	OSS Construction		€ 39,049		€ 1,659,625
OSS Lissoran, Ballinspittle, C	OSS Ordinary Social Housing Schemes		€ 5,790		€ 825,184
PVS Tanners Field, Bandon (8)	Part V Social		€ 923		€ 1,867,720
PVS Ph2 Bishops Island W'ghill	Part V Social		€ 2,660		€ 1,067,545
PVS Abbeyfort Kinsale 3 units	Part V Social		€ 752,000		€ 752,000
PVS Drakes Point C'haven	Part V Social		€ 2,172		€ 4,603,921
PVS Janeville Carrigaline (29)	Part V Social		€ 32,706		€ 6,561,206
PVS Martello Rushbrooke Cobh	Part V Social		€ 2,879		€ 1,666,230
PVS Gleann Rua, Courtbrack, Bl	Part V Social		€ 295		€ 969,656
Part V Cooline Cobh (5 units)	Part V Social		€ 1,247,498		€ 1,247,498
PVS Berry Hill Castlelyons (2)	Part V Social		€ 573,752		€ 573,752
PVS Ros Alainn, Macroom	Part V Social		€ 1,644,000		€ 1,644,000
PVS13&14 CrrigNaofaDurusBantry	Part V Social		€ 623,632		€ 623,632
PVS 5 units The Estuary Yougha	Part V Social		€ 1,204,075		€ 1,204,075
PRIV SITES DROMLEIGH BANTRY	Private Sites		€ 1,968		€ 1,404,163
TSS - Claragh Road, Millstreet	Turnkey Social Housing		€ 3,575		€ 1,257,942
TSS 45 Units Clarendon Brooks	Turnkey Social Housing		€ 34,200		€ 13,113,116
TSS Parklands Youghal 19 Units	Turnkey Social Housing		€ 3,392		€ 3,029,648
TSS Millview Road, Kanturk	Turnkey Social Housing		-€ 23,397		€ 5,869,390
TSS Hazelbrook Spa Glen	Turnkey Social Housing		€ 815		€ 16,244,199
TSS Sweetfields Youghal 35Uts	Turnkey Social Housing		€ 5,150		€ 8,068,790
TSS Copper Point, Schull (7)	Turnkey Social Housing		€ 2,647,093		€ 3,784,045
TSS Mariners Court Baltimore	Turnkey Social Housing		€ 1,957		€ 2,232,318
TSS Glenbeg Boherbue	Turnkey Social Housing		€ 855		€ 2,172,079
TSS Ph 2 An Tui Lisgoold 2 no.	Turnkey Social Housing		€ 530,000		€ 530,000
TSS Millstreet Rd Macroom (12)	Turnkey Social Housing		€ 855		€ 2,963,584
TSS Meenane Wghill 25 units	Turnkey Social Housing		€ 1,326,328		€ 6,789,452
TSS Goirtin Rua Macroom 14 no.	Turnkey Social Housing		€ 1,998		€ 3,688,008
TSS Abbeyfort, Kinsale, Co. Co	Turnkey Social Housing		€ 10,474		€ 9,255,764
TSS Abbeyfort Kinsale (17 no.)	Turnkey Social Housing		€ 5,071,073		€ 5,071,073
TSS Drakes Point, Crosshaven,	Turnkey Social Housing		€ 1,382		€ 1,380,977
TSS The Meadows Ard Cashel WGH	Turnkey Social Housing		€ 4,890		€ 1,711,890
TSS The Pastures, Charleville,	Turnkey Social Housing		€ 2,656,108		€ 3,794,308
TSS 6 no. Eyerics C'townbere	Turnkey Social Housing		€ 1,548,000		€ 1,548,000
TSS The Meadows Dunmanway (4)	Turnkey Social Housing		€ 1,036,086		€ 1,036,086
TSS Ph2 Meadows Dunmanway (8)	Turnkey Social Housing		€ 2,340,984		€ 2,340,984
SCL Beechgrove Tawnies Clonaki	Land (Social Housing)		€ 1,500,000		€ 1,533,513
			€ 25,134,900		€ 138,894,511
Road Transportation & Safety					
N40 ITS Package 2A ITS Support	National Roads		€ 117,126		€ 4,372,348
N20 Mallow Southern Approach	National Roads		€ 186,213		€ 4,493,932
SW LED Retrofit Admin & Oheads	PLEEP		-€ 612,045		€ 0
NTA Bus Shelter Improvement	Public Realm		€ 32,052		€ 683,488
Béal na Bláth Project	Regional/Local/Other Roads		€ 710,705		€ 710,705

BV MCRM BCLG Archaeology	Road Works	€	76,855	€	3,487,043
SRR SITE SUPERVISION	Roads	€	16,806	€	2,936,757
NTA Dinish Island	Town & Village Renewal	€	298,002	€	505,150
NTA Fthpath PG Carrigaline MD	Town & Village Renewal	€	838,787	€	838,787
Chapel St Dunmanway	2022 Grant	€	526,956	€	526,956
GA NS Maint Pavement Works2022	2022 Grant	€	575,900	€	575,900
Cycle Facilities Cap Inv	NTA Grant	€	665,799	€	665,799
SRTS Bunscoil Rinn an Chabhlai	NTA Safe Route to Schools	€	519,570	€	519,570
N25 Ballyvorisheen toLissacruce	National Roads	€	0	€	1,155,751
		€	4,082,548	€	25,419,758
Recreation & Amenity					
Bandon Library/TC Public Rooms	Libraries	€	79,680	€	1,284,547
MALLOW CASTLE	Mallow Tourism Development	-€	0	€	3,127,356
Spa House Grounds	Mallow Tourism Development	€	359,248	€	813,219
ECO BOARD WALK PROJECT YOUGHAL	Boardwalk	€	9,745	€	2,646,923
		€	448,673	€	7,872,045
Economic Development, Tourism & Enterprise					
PROPOSED BUS. PK CARRIGALINE	Camden Fort	€	176,040	€	3,408,200
		€	176,040	€	3,408,200
Agriculture/Education/Health					
DAFM Union Hall Harbour	DAFM Grant 2021	-€	0	€	270,387
Kinsale Commercial Pier Ext	Piers, Harbours, Islands	€	-	€	1,424,938
Disposal MV Sceptre	Piers, Harbours, Islands	€	871,750	€	871,750
Courtmacsherry Dredging	DAFM BALAMI	€	659,657	€	659,657
		€	1,531,407	€	3,226,731
Other					
SAN Data infrastructure	IT Costs	€	34,876	€	788,027
Acq Waterpark House	Other	€	1,264,742	€	1,264,742
		€	1,299,618	€	2,052,768
		€	33,714,657	€	185,527,936

Appendix 2 – Public Spending Code Checklists

Checklist 1 – To be completed in respect of general obligations not specific to individual projects/programmes.

		General Obligations not specific to individual projects/programmes.	Self-Assessed Compliance Rating: 1 - 3	Comment/Action Required
1	1	Does the organisation ensure, on an ongoing basis, that appropriate people within the organisation and its agencies are aware of their requirements under the Public Spending Code (incl. through training)?	2	
1	2	Has internal training on the Public Spending Code been provided to relevant staff?	2	
1	3	Has the Public Spending Code been adapted for the type of project/programme that your organisation is responsible for, i.e., have adapted sectoral guidelines been developed?	2	
1	4	Has the organisation in its role as Approving Authority satisfied itself that agencies that it funds comply with the Public Spending Code?	3	
1	5	Have recommendations from previous QA reports (incl. spot checks) been disseminated, where appropriate, within the organisation and to agencies?	3	
1	6	Have recommendations from previous QA reports been acted upon?	3	
1	7	Has an annual Public Spending Code QA report been submitted to and certified by the Chief Executive Officer, submitted to NOAC and published on the Local Authority's website?	3	
1	8	Was the required sample of projects/programmes subjected to in-depth checking as per step 4 of the QAP?	3	
1	9	Is there a process in place to plan for ex post evaluations? Ex-post evaluation is conducted after a certain period has passed since the completion of a target project with emphasis on the effectiveness and sustainability of the project.	2	
1	10	How many formal evaluations were completed in the year under review? Have they been published in a timely manner?	2	
1	11	Is there a process to follow up on the recommendations of previous evaluations?	2	
1	12	How have the recommendations of reviews and ex post evaluations informed resource allocation decisions?	2	
Checklist 2 – To be completed in respect of capital projects/programmes & capital grant schemes that were under consideration in the past year.				

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Capital Expenditure being Considered – Appraisal and Approval			Self-Assessed Compliance Rating: 1 - 3	Comment/Action Required
2	1	Was a Strategic Assessment Report (SAR) completed for all capital projects and programmes over €10m?	3	
2	2	Were performance indicators specified for each project/programme which will allow for a robust evaluation at a later date? Have steps been put in place to gather performance indicator data?	2	
2	3	Was a Preliminary and Final Business Case, including appropriate financial and economic appraisal, completed for all capital projects and programmes?	3	
2	4	Were the proposal objectives SMART and aligned with Government policy including National Planning Framework, Climate Mitigation Plan etc?	3	
2	5	Was an appropriate appraisal method and parameters used in respect of capital projects or capital programmes/grant schemes?	3	
2	6	Was a financial appraisal carried out on all proposals and was there appropriate consideration of affordability?	3	
2	7	Was the appraisal process commenced at an early enough stage to inform decision making?	3	
2	8	Were sufficient options analysed in the business case for each capital proposal?	3	
2	9	Was the evidence base for the estimated cost set out in each business case? Was an appropriate methodology used to estimate the cost? Were appropriate budget contingencies put in place?	3	
2	10	Was risk considered and a risk mitigation strategy commenced? Was appropriate consideration given to governance and deliverability?	3	
2	11	Were the Strategic Assessment Report, Preliminary and Final Business Case submitted to DPER for technical review for projects estimated to cost over €100m?	N/A	
2	12	Was a detailed project brief including design brief and procurement strategy prepared for all investment projects?	3	
2	13	Were procurement rules (both National and EU) complied with?	3	
2	14	Was the Capital Works Management Framework (CWMF) properly implemented?	3	
2	15	Were State Aid rules checked for all support?	3	

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2	16	Was approval sought from the Approving Authority at all decision gates?	3	
2	17	Was Value for Money assessed and confirmed at each decision gate by Sponsoring Agency and Approving Authority?	3	
2	18	Was approval sought from Government through a Memorandum for Government at the appropriate decision gates for projects estimated to cost over €100m?	3	
Checklist 3 – To be completed in respect of new current expenditure under consideration in the past year				
Q	No.	Current Expenditure being Considered – Appraisal and Approval	Self-Assessed Compliance Rating: 1 - 3	Comment/Action Required
3	1	Were objectives clearly set out?	3	
3	2	Are objectives measurable in quantitative terms?	2	
3	3	Was a business case, incorporating financial and economic appraisal, prepared for new current expenditure proposals?	2	
3	4	Was an appropriate appraisal method used?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
3	5	Was an economic appraisal completed for all projects/programmes exceeding €20m or an annual spend of €5m over 4 years?	N/A	
3	6	Did the business case include a section on piloting?	2	
3	7	Were pilots undertaken for new current spending proposals involving total expenditure of at least €20m over the proposed duration of the programme and a minimum annual expenditure of €5m?	N/A	
3	8	Have the methodology and data collection requirements for the pilot been agreed at the outset of the scheme?	N/A	<i>All respondents replied N/A</i>
3	9	Was the pilot formally evaluated and submitted for approval to the relevant Vote Section in DPER?	N/A	
3	10	Has an assessment of likely demand for the new scheme/scheme extension been estimated based on empirical evidence?	2	<i>The single response received related to social housing provision, which is government target driven. It was noted that this rating reduced, however</i>

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				<i>this is likely attributable to the nature of the service delivery.</i>
3	11	Was the required approval granted?	N/A	<i>All respondents replied N/A</i>
3	12	Has a sunset clause been set?	N/A	
3	13	If outsourcing was involved were both EU and National procurement rules complied with?	3	
3	14	Were performance indicators specified for each new current expenditure proposal or expansion of existing current expenditure programme which will allow for a robust evaluation at a later date?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
3	15	Have steps been put in place to gather performance indicator data?	2	

Checklist 4 – To be completed in respect of capital projects/programmes & capital grants schemes incurring expenditure in the year under review.

Q	No.	Incurring Capital Expenditure	Self- Assessed Compliance Rating: 1 - 3	Comment/Action Required
4	1	Was a contract signed and was it in line with the Approval given at each Decision Gate?	3	
4	2	Did management boards/steering committees meet regularly as agreed?	3	
4	3	Were programme co-ordinators appointed to co-ordinate implementation?	3	
4	4	Were project managers, responsible for delivery, appointed and were the project managers at a suitably senior level for the scale of the project?	3	
4	5	Were monitoring reports prepared regularly, showing implementation against plan, budget, timescales and quality?	3	
4	6	Did projects/programmes/grant schemes keep within their financial budget and time schedule?	2	
4	7	Did budgets have to be adjusted?	2	

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4	8	Were decisions on changes to budgets / time schedules made promptly?	3	
4	9	Did circumstances ever warrant questioning the viability of the project/programme/grant scheme and the business case (exceeding budget, lack of progress, changes in the environment, new evidence, etc.)?	3	
4	10	If circumstances did warrant questioning the viability of a project/programme/grant scheme was the project subjected to adequate examination?	3	
4	11	If costs increased or there were other significant changes to the project was approval received from the Approving Authority?	3	
4	12	Were any projects/programmes/grant schemes terminated because of deviations from the plan, the budget or because circumstances in the environment changed the need for the investment?	3	

Checklist 5 – To be completed in respect of current expenditure programmes incurring expenditure in the year under review.

Q	No.	Incurring Current Expenditure	Self-Assessed Compliance Rating: 1 -3	Comment/Action Required
5	1	Are there clear objectives for all areas of current expenditure?	3	
5	2	Are outputs well defined?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	3	Are outputs quantified on a regular basis?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	4	Is there a method for monitoring efficiency on an ongoing basis?	2	<i>It was noted that the rating on this has reduced from previous year. It appears</i>

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				<i>this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	5	Are outcomes well defined?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	6	Are outcomes quantified on a regular basis?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	7	Are unit costings compiled for performance monitoring?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
5	8	Are other data compiled to monitor performance?	2	
5	9	Is there a method for monitoring effectiveness on an ongoing basis?	2	
5	10	Has the organisation engaged in any other 'evaluation proofing' of programmes/projects?	2	

Checklist 6 – To be completed in respect of capital projects/programmes & capital grant schemes discontinued in the year under review.

Q	No.	Capital Expenditure Recently Completed	Self-Assessed Compliance Rating: 1 - 3	Comment/Action Required
6	1	How many Project Completion Reports were completed in the year under review?	1	

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6	2	Were lessons learned from Project Completion Reports incorporated into sectoral guidance and disseminated within the Sponsoring Agency and the Approving Authority?	2	
6	3	How many Project Completion Reports were published in the year under review?	1	<i>The majority of respondents replied N/A</i>
6	4	How many Ex-Post Evaluations were completed in the year under review?	1	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
6	5	How many Ex-Post Evaluations were published in the year under review?	1	
6	6	Were lessons learned from Ex-Post Evaluation reports incorporated into sectoral guidance and disseminated within the Sponsoring Agency and the Approving Authority?	2	
6	7	Were Project Completion Reports and Ex-Post Evaluations carried out by staffing resources independent of project implementation?	2	
6	8	Were Project Completion Reports and Ex-Post Evaluation Reports for projects over €50m sent to DPER for dissemination?	N/A	<i>All respondents replied N/A</i>

Checklist 7 – To be completed in respect of current expenditure programmes that reached the end of their planned timeframe during the year or were discontinued.

Q	No.	Current Expenditure that (i) reached the end of its planned timeframe or (ii) was discontinued	Self-Assessed Compliance Rating: 1 - 3	Comment/Action Required
7	1	Were reviews carried out of current expenditure programmes that matured during the year or were discontinued?	2	<i>It was noted that the rating on this has reduced from previous year. It appears this may be attributable to better understanding of PSC requirements and will be considered as part of next years quality assessment.</i>
7	2	Did those reviews reach conclusions on whether the programmes were efficient?	3	
7	3	Did those reviews reach conclusions on whether the programmes were effective?	3	

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7	4	Have the conclusions reached been taken into account in related areas of expenditure?	3	
7	5	Were any programmes discontinued following a review of a current expenditure programme?	3	
7	6	Were reviews carried out by staffing resources independent of project implementation?	2	
7	7	Were changes made to the organisation's practices in light of lessons learned from reviews?	3	

Appendix 3
In-Depth Checks Detailed Reports 2022

Section A: Introduction

Programme or Project Information	
Name	Revenue – Wastewater Treatment
Detail	Uisce Éireann SLA Water Services Wastewater Treatment
Responsible Body	Cork County Council / Uisce Éireann
Current Status	Revenue Wastewater Operations
Start Date	Jan 2022
End Date	Dec 2022
Overall Cost	€6.758 million

Introduction – Water Services Department

The Water Services Directorate and County Engineer's Department covers a range of functions including Drinking Water and Wastewater Operations, Water Capital Projects and Rural Water. It also includes Coastal Management & Flood Projects and the recent formation of the Capital Projects Implementation Unit.

Drinking Water & Wastewater Operations

The Drinking Water & Wastewater Sections of the Water Services Directorate manages delivery of public water and wastewater services under an SLA with Uisce Éireann (previously known as Irish Water). They serve 350,000 people across the county; ensuring the provision of high-quality drinking water (producing in excess of 158 million litres per day) and the safe and efficient treatment of wastewater through more than 250 wastewater infrastructure assets. Our Wastewater operations team produce 74 annual environment reports for EPA licensed agglomerations through its functional area.

Water Capital Projects Office

The Capital Projects Office is a key player in ensuring the continued improvement of the water infrastructure across the County of Cork. It provides full life cycle Project Management Services to facilitate the execution of the Uisce Éireann Capital Investment Plan (RC3) for the years 2020-2024, a programme which features some 36 major infrastructure projects for the Cork County Area. These projects along with a large list of network improvement projects and a host of Capital Programmes are being managed by the office. The projects are in both the Water and Wastewater sectors.

Uisce Éireann / Cork County Council – Service Level Agreement & Annual Service Plan

Uisce Éireann (UÉ) and Cork County Council agree to work under the terms of the Service Level Agreement (SLA) to provide efficient and quality water services to satisfy the needs of our customers, in compliance with statutory and regulatory requirements and in a cost-effective manner.

The Service Level Agreement (SLA) provides for the relationship between Uisce Éireann and Cork County Council with respect to water services activities undertaken by the Local Authority on behalf of Uisce Éireann. The SLA is based on both parties working collaboratively to ensure service continuity to the customer and to achieve industry objectives. These objectives include the achievement of efficiencies, value for money and continuous improvement in order to meet customer expectations and the targets set by the economic and environmental regulators.

The 2022 Annual Service Plan is the planning document that sets out the specific objectives and standards of performance agreed by Uisce Éireann and Cork County Council against the 2022 budgets for Payroll, Goods and Services, Overheads and the Central Management Charge (CMC). The plan has been developed to reflect the various long-term strategies and regulatory requirements to be met by Uisce Éireann and the Local Authorities working in partnership throughout 2022.

In addition to Uisce Eireann having internal governance structures, Uisce Éireann and Cork County Council through its partnership structure is also accountable in a broader context to its stakeholders including the public, industry, the Commission for Regulation of Utilities (CRU), the Environmental Protection Agency (EPA) and the Government, and must operate in an open and transparent manner. It is also obliged to consult with the Health Services Executive (HSE) on matters relating to public health.

The Government's Water Services Policy Statement (WSPS) provides the framework within which Uisce Éireann funding and investment plans are agreed. The first Water Services Policy Statement 2018 – 2025 was published in May 2018. Uisce Éireann was required to submit a Strategic Funding Plan (SFP) to the Minister reflecting the principles, themes and policy objectives identified in the WSPS. The Uisce Éireann Strategic Funding Plan 2019-2024 was approved by the Minister in November 2018.

Revenue – Wastewater Treatment

Through the SLA with Uisce Éireann, Cork County Council wastewater operations and our Environment department technical teams managed Wastewater Treatment within its functional area. The roles and responsibilities consist of the following;

- **Wastewater Treatment – UWWTD Performance** – Cork County Council shall, where applicable, comply with the UWWTD mandatory ELV requirements on a monthly basis– measured as a percentage of the number of assessed WWTPs
- **Wastewater Treatment – UWWTD Compliance** - Cork County Council shall, where applicable, comply with the UWWTD – measured as a percentage of the number of assessed WWTPs
- **Wastewater Treatment – WWDL Performance** - Cork County Council shall, where applicable, comply with the WWDL mandatory ELV requirements specified in Schedule of the WWDLs – measured as a percentage of the number of assessed WWTPs
- **Wastewater Treatment – WWDL Compliance** - Cork County Council shall, where applicable, comply with the WWDL – measured as a percentage of the number of assessed WWTPs
- **Wastewater Treatment – Sampling** - Cork County Council shall provide Wastewater Quality Sampling in accordance with the Wastewater Sampling Plan
- **Wastewater Treatment – Upload results to EDEN** - Cork County Council shall upload wastewater results to Eden by the 10th Business Day of the month, in accordance with the Wastewater Sampling Plan
- **Wastewater Treatment – Provide Results to Uisce Éireann** - Cork County Council shall provide Wastewater results to UÉ by 10th Business Day of the month in Excel format as an export from the LA LIMS system, in accordance with the Wastewater Sampling Plan
- **Wastewater Treatment – Incident Reporting (Category 1-5)** - Cork County Council shall upload all Reportable Wastewater Incidents to EDEN as soon as practicably possible - Category 1-5 (inclusive)
- **Wastewater Treatment – Annual Environmental Reports** - Cork County Council shall provide regulatory wastewater reports sufficiently in advance of statutory and regulatory timescales

Section B - Step 1: Logic Model Mapping

As part of this In-Depth Check, the Internal Audit Department of Cork County Council have completed a Programme Logic Model (PLM) for **Wastewater Treatment**. A PLM is a standard evaluation tool and further information on their nature is available in the Public Spending Code.

Objectives	Inputs	Activities	Outputs	Outcomes
<ul style="list-style-type: none"> • Operate and maintain wastewater treatment to high standards in accordance with regulations • Prevent Environmental Pollution • Ensure value for money is achieved 	<ul style="list-style-type: none"> • Budget of €6.7 million • Technical & Admin staff • Contracted consultancy/ contractor services • Maintenance and repair contracts / UÉ Frameworks 	<ul style="list-style-type: none"> • Management of Wastewater treatment infrastructure • Monitoring of Discharge License Emission Limit Values • Regular Inspection/monitoring of site infrastructure • Removal of sludge from site • Interaction with the licensing body, EPA • Partnership with Uisce Éireann via SLA 	<ul style="list-style-type: none"> • Facility operated and maintained effectively • Wastewater treatment implemented as per WWDL limits • Infrastructure is serviced regularly 	<ul style="list-style-type: none"> • No harmful emissions or discharges entering the environment from the infrastructure

Objectives: The objectives of the **Wastewater Treatment** Service include, but are not limited to the following:

- Operate and maintain wastewater treatment to high standards in accordance regulations
- Prevent environmental pollution from the wastewater treatment plants
- Ensure value for money and operational efficiency is achieved

Inputs: A budget of approximately €6.7 million has been allocated to part of this programme. The Integra Financial Management System records all expenditure. It allows the comparison of budget versus actual expenditure. Technical and administrative staff of Cork County Council continually inspect and monitor this site throughout the year. Specialist Consultants and Contractors are occasionally employed to carry out testing/monitoring and environmental compliance reporting.

Activities: The main activities carried out on site are the operation and maintenance of wastewater treatment infrastructure. The main reason for continual maintenance is the prevention of environmental pollution and ensuring that the infrastructure is complying with the WWDL (wastewater discharge licensing) limits.

Outputs: Facility maintained in accordance with the WWDL requirements. It is essential that no harmful emissions or discharges from the infrastructure occur which could impact the environment. Wastewater infrastructure is serviced regularly to maintain the integrity of the facilities system.

Outcomes: No harmful emissions or discharges entering the environment from the wastewater treatment infrastructure.

Section B - Step 2: Summary Timeline of Project/Programme

The following section tracks the **Wastewater Treatment** from inception to conclusion in terms of annual operational milestones. As Wastewater Treatment is a constant annual revenue expenditure, there is no definitive inception or conclusion.

The UÉ / Cork County Council Annual Service Plan outlines all performance measures alongside all corresponding baselines and targets. The measures included in the 2022 Service Plan are outlined in the appendices. Each measure and associated objective have been grouped into one of four categories:

Measurement Category	Objective
Learning & Growth	To continuously improve and drive transformation and change initiatives
Customer	Providing services that are valued by customers. This is influenced by the CRU Customer Handbook and proposed Performance Assessment metrics
Internal Process / Compliance	Adherence to all reporting requirements and meeting regulatory requirements as set out by the relevant statutory and regulatory bodies, e.g. CRU and EPA
Financial	Providing a cost-effective service, within budgetary constraints

Within the four categories of performance measures there are three distinct tiers:

1. KPIs
2. Operational Measures
3. Tracking Measures

Section B - Step 3: Analysis of Key Documents

The following section reviews the key documentation relating to appraisal, analysis and evaluation for the **Wastewater Treatment**

Project/Programme Key Documents	
Title	Details
1. Uisce Éireann / Cork County Council Service Level Agreement (SLA)	Framework to provide efficient and quality water services to satisfy the needs of our customers, in compliance with statutory and regulatory requirements and in a cost-effective manner.
2. Uisce Éireann / Cork County Council Annual Service Plan 2022	Planning document that sets out the specific objectives and standards of performance agreed by Uisce Éireann and Cork County Council against the 2022 budgets for Payroll, Goods and Services, Overheads and the Central Management Charge (CMC).
3. Integra Financial Management System	Review of Budget Versus Expenditure for 2022
4. Risk Register	Review of risk in relation to Water Services
5. S.I No. 684/2007 - Waste Water (Authorisation) Regulations 2007	Legislation governing licensing and certification for wastewater infrastructure
6. Selection of Wastewater Discharge EPA Licenses	Review of statutory license conditions and standards to be met

Key Document 1: Service Level Agreement (SLA)

The Service Level Agreement (SLA) provides for the relationship between Uisce Éireann and Cork County Council with respect to water services activities undertaken by the Local Authority on behalf of Uisce Éireann. The SLA is based on both parties working collaboratively to ensure service

continuity to the customer and to achieve industry objectives.

Key Document 2: UÉ / Cork County Council Annual Service Plan 2022

The 2022 Annual Service Plan is the planning document that sets out the specific objectives and standards of performance agreed by Uisce Éireann and Cork County Council against the 2022 budgets for Payroll, Goods and Services, Overheads and the Central Management Charge (CMC). The plan has been developed to reflect the various long-term strategies and regulatory requirements to be met by Uisce Éireann and the Local Authorities working in partnership throughout 2022.

Key Document 3: Integra Financial Management System

An element Actual versus Budgeted expenditure for Wastewater Treatment is captured on the Financial Management System. No Loans are linked to Wastewater Treatment.

Key Document 4: Risk Register for Water Services Directorate

Under the direction of the Council's Risk Oversight Committee, a risk management and monitoring system is maintained by the Water Services Directorate.

Key Document 5: Wastewater Discharge (Authorisation) Regulations 2007

Legislation governing licensing and certification for wastewater infrastructure.

Key Document 6: Selection of Wastewater Discharge EPA Licenses

This is the legislative document that must be followed in relation to wastewater treatment and it sets out UÉ & the Council's obligations to provide for the effective operation and maintenance of wastewater treatment infrastructure. Regular monitoring, sampling, testing & incident reporting is required.

Section B - Step 4: Data Audit

The following section details the data audit that was carried out for the **Revenue – Wastewater Treatment**. It evaluates whether appropriate data is available for the future evaluation of the project/programme.

Data Required	Use	Availability
Uisce Éireann / Cork County Council Service Level Agreement (SLA)	The Service Level Agreement (SLA) provides for the relationship between Uisce Éireann and Cork County Council	Yes
Uisce Éireann / Cork County Council Annual Service Plan 2022	To review the Planning document that sets out the specific objectives and standards of performance agreed by Uisce Éireann and Cork County Council	Yes
Wastewater Treatment Actual v Budgeted Expenditure on Integra	To review expenditure codes for Revenue - Wastewater Treatment	Yes
Selection of EPA Licenses for Wastewater Treatment	To review licenses are in place and conditions attached	Yes

Data Availability and Proposed Next Steps

It can be seen from the above table that the data required to evaluate the **Revenue – Wastewater Treatment** is readily available

Section B - Step 5: Key Evaluation Questions

The following section looks at the key evaluation questions for the **Wastewater Treatment** based on the detail from the previous sections of this report.

Does the delivery of the project/programme comply with the standards set out in the Public Spending Code? (Appraisal Stage, Implementation Stage and Post-Implementation Stage)

The objectives of the **Wastewater Treatment** Service are clearly defined through the Uisce Éireann / Cork County Council Annual Service Plan 2022 and Environmental Protection Agency individual licenses for Wastewater Treatment infrastructure and Wastewater Discharge (Authorisation) Regulations 2009.

The management is budgeted and arranged through appropriate expenditure codes, and it appears that there is a good understanding and application of PSC principles.

Is the necessary data and information available such that the project/programme can be subjected to a full evaluation at a later date?

The necessary data was available for review.

What improvements are recommended such that future processes and management are enhanced?

It is important to note that the Commission for Regulation of Utilities (CRU) is the independent economic regulator of the water industry in Ireland. It is responsible for setting the total level of revenue that Uisce Éireann can receive, through Government subvention and from customers, to cover its efficiently incurred costs. The CRU has also developed a Performance Assessment Framework “a framework of metrics for use as a means of assessing Uisce Éireann's performance, progress and efficiency over time”, each year this framework continues to enhance current operations expenditure.

In Water Services, change and transformation activities have continued apace throughout 2022 with significant co-operation between Uisce Éireann and the Local Authorities and it is anticipated that this will continue into 2023. A Framework was developed through an engagement

process facilitated by the Workplace Relations Commission between the Department of Housing, Local Government & Heritage, Uisce Éireann, the CCMA, the LGMA, and union representatives.

Uisce Éireann, working with Local Authorities and the current water services staff, will plan for the integration of water services into its organisational structure, in place of the current Service Level Agreement; and the Local Government system will prepare for the gradual phasing out of the direct involvement of local authorities in the delivery of public water services.

Section C: In-Depth Check Summary

The following section presents a summary of the outcomes of this In-Depth Check on the **Wastewater Treatment** Service.

Summary of the In-Depth Check

Internal Audit carried out an in-depth check on the **Wastewater Treatment** Service in Cork County Council. Internal Audit liaised with staff in the Water Services and Finance Directorate and received reports and details on operations, management, and financial aspects of the programme of operation.

The objective is to operate and maintain wastewater infrastructure to high environmental standards in accordance with EPA licenses and regulations and to eliminate environmental pollution via discharges to receiving surface waters. This is accomplished by monitoring, regular testing and carrying out of required works at wastewater treatment plants and networks. It was noted that this element on the budget relates to wages and minimal Laboratory expenditure.

Overall, the actual expenditure was in line with budgeted expenditure and the service looks to have been managed effectively.

Based on the in-depth review of **Wastewater Treatment** it appears that the management of this Revenue budget demonstrates broad compliance with the Public Spending Code.

Section A: Introduction

This introductory section details the headline information on the programme or project in question.

Programme or Project Information	
Name	Carrigaline Western Relief Road
Detail	This project involved the Design & Construction of a 750m single carriageway road between the R613/Ballea Road and the R611/Kilmoney Road
Responsible Body	Cork County Council
Current Status	Expenditure Being Incurred
Start Date	Construction commenced onsite in April 2021
End Date	Substantial Completion was achieved at the end of September 2022
Overall Cost	Projected Capital Cost of €20.534 million

Project Description

Carrigaline is a thriving satellite town located in the Cork Lower Harbour area, approximately 12km south-east of Cork City. Carrigaline has grown rapidly, with this growth reflecting its proximity to employment centres in Cork City, Douglas and Ringaskiddy. Ringaskiddy is a major industrial centre for companies in the pharmachem industry.

There was a clear need to remove traffic and especially heavy goods vehicles (HGV's) from the Main Street through the town. The issue was identified in the early 1990's by Cork County Council. Between the 1996 and 2003 County Development Plans, a route for the Carrigaline Western Relief Road was decided on as part of a planning process. Between September 2003 and August 2015 several phases of environmental impact assessment and detailed environmental surveys and archaeological surveys/investigations were completed along the proposed route.

The scheme provides for a new 750m single carriageway road on the western side of Carrigaline town, connecting the R613 Ballea Road on the northern side of the town, with the R611 Kilmoney Road on the southern side of the town. The road also connects with the 'Soccer Club Road'. The CWRR encompasses a new bridge crossing to the Owenaboy river, and new signalised junctions at Ballea Road and Kilmoney Road. Two access points for future development of the area are provided, and a connection to the rear of Supervalu car park. A cycle track and wide footpaths are included in the project, along with two pump stations; a northern pump station and southern pump station.

Section B - Step 1: Logic Model Mapping

As part of this In-Depth Check, Internal Audit have completed a Programme Logic Model (PLM) for the **Carrigaline Western Relief Road**.

A PLM is a standard evaluation tool and further information on their nature is available in the Public Spending Code.

Objectives	Inputs	Activities	Outputs	Outcomes
<ul style="list-style-type: none"> • Reduce congestion in Carrigaline and allow for economic development of the town • Provide an alternative route for HGVs • Reduce emissions associated with traffic congestion • Provide for greater accessibility for vulnerable road users • Improve traffic safety and provide a safer environment for all road users, particularly pedestrians 	<ul style="list-style-type: none"> • Department Funding • Cork County Council Employees • Technical Advisor Staff • Employer’s Representative and Site Supervision Staff • Contractor and Contractor’s Designer Staff • Etenders and Official Journal of the EU • Integra Financial Management System for issuing payments and receipt of recoupments 	<ul style="list-style-type: none"> • CATS Study • Project Appraisal • Planning Approval and Compulsory Purchase Orders • Land Acquisition • Appointment of Technical Advisors • Preparation of Specimen Design and Contract Documents • Advance Works Contracts • Tender and Award of Main Contract • Works Monitoring and Contract Administration • Payment of invoices and recoupment of grant funding. • Cost Management • Environmental Management 	<ul style="list-style-type: none"> • Construction of 750m single carriageway road • Construction of 4500 mts of footpaths and cycleways • Construction of 2 pumping stations and associated wastewater infrastructure • Double span bridge over the Owenboy River • Extensive planting and semi mature trees creating a boulevard effect • Age Friendly infrastructure 	<ul style="list-style-type: none"> • Reduction in congestion and associated emissions in Carrigaline town • Enhanced permeability for active travel users • Provides resilient vehicular access to existing and planned commercial premises

Objectives: The objectives of the Carrigaline Western Relief Road include, but are not limited to the following:

Economy: to reduce congestion in Carrigaline and allow for its continued and orderly development while delivering economic benefits by reducing vehicle operating and time costs. To provide an alternative route for heavy goods vehicles passing through Carrigaline and supplying businesses within Carrigaline.

Environment: enhance the environment by reducing emissions associated with traffic congestion and to ensure that significant environmental impacts are avoided in the design and implementation of the scheme

Accessibility & Social Inclusion: to provide for greater accessibility for vulnerable road users from all areas of Carrigaline. To encourage people to choose walking, cycling and public transport over using their car.

Integration: to be consistent with the Carrigaline Local Area Plan and provision of community facilities. To encourage the greater use of public amenities such as the walking routes off Soccer Club Road to the Owenaboy River banks.

Safety: a high priority of this scheme is to improve traffic safety and to provide a safer environment for all road users, particularly for pedestrians along Carrigaline Main Street in light of the high number of accidents involving pedestrians, particularly a pedestrian fatality in 2004.

Inputs: Financial Inputs: The project is funded an Urban Regeneration and Development Fund grant and funds from the National Transport Authority, with Cork County Council financing the remainder of the project.

Human Inputs: The staff working on the project include consulting engineering staff, contract staff and in-house project team of council staff.

System Inputs: Integra- A Financial Management system for issuing payments and recoupment of grant monies from the Department of Transport.

Activities: The preparation of the Carrigaline Area Transportation Study. The preparation of the Project Appraisal documents, including. Preparation of Environmental Impact Statements. The application for Part 8 Planning Approval. The acquisition of land on foot of Compulsory Purchase Orders. The appointment of Technical Advisors, Employer’s Representative and Site Supervisory Staff. The preparation and assessment of tenders. Contract administration, monitoring and supervision of the delivery of the works, cost management and environmental management. Financial administration by payment of invoices and recoupment of grant funding.

Outputs: Construction of 750m single carriageway road
Construction of 4,500 mts footpaths and cycleways
Construction of 2 pumping stations and associated pumps
Double span bridge over the Owenaboy River
Extensive planting and semi mature trees creating a boulevard effect
Age Friendly infrastructure

Outcomes: Reduction in congestion and associated emissions in Carrigaline Town
Enhanced permeability for active travel users
Provides resilient vehicular access to existing and planned commercial premises
Enables the planned Transportation and Public Realm Enhancement Plan for Carrigaline Town

Section B - Step 2: Summary Timeline of Project/Programme

The following section tracks the **Carrigaline Western Relief Road** from inception to conclusion in terms of major project/programme milestones.

- 2005: Part 8 Planning Approval approved by An Bord Pleanala
- 2006: Atkins Ireland Ltd. formally appointed to undertake the Carrigaline Area Transportation Study (CATS)
- 2008: Compulsory Purchase Order approved by An Bord Pleanala
- 2012: Additional Part 8 Planning Approval secured for additional landowner accommodation and scheme works
- 2012: Environmental Impact Assessment carried out by Mott McDonald Ltd.
- 2012 – 2014: A number of advanced works construction contracts completed at the northern end of the road project.
- 2013: Section 50 Approval secured
- 2017: Atkins appointed as Engineering Consultants following competition on etenders
- 2018: Project Appraisal report produced by Atkins
- 2020: J B Barry & Partners appointed for Contract Administration/RE roles following competition on etenders
- 2020: BAM Civil Ltd. appointed Main Works Contractor following competition on etenders
- 2021: BAM Civil Ltd. Commenced works on the scheme
- 2022: Substantial completion of the scheme
- 2022: 8th October Scheme officially opened

Section B - Step 3: Analysis of Key Documents

The following section reviews the key documentation relating to appraisal, analysis and evaluation for the **Carrigaline Western Relief Road**.

Project/Programme Key Documents	
Title	Details
Carrigaline Area Transportation Study	A review of the roads network and associated traffic demands to determine the traffic management improvements needed to cope with the anticipated, continued expansion of Carrigaline town.
Carrigaline Western Relief Road Manager's Report	This report was prepared following public consultation, to assist elected members in deciding on whether to proceed with the scheme
Project Appraisal Report	The purpose of this report was to assess potential options for the development of the Carrigaline Western Relief Road
Appropriate Assessment Screening Report	The documents the impact that the road development would have on the environment should it proceed.
Compulsory Purchase Order	The Compulsory Purchase Order authorises the local authority to acquire compulsorily the land described in the Schedule for the purposes of construction of the Carrigaline Western Relief Road

Key Document 1: Carrigaline Area Transportation Study (CATS)

The aim of the CATS was to undertake a review of the roads network and the associated traffic demands with particular attention to the town centre to determine the traffic management improvements needed to cope with the anticipated, continued expansion of the town. It embraced consideration of pedestrian and cyclist needs, parking requirements, public transport, and general transportation needs.

Key Document 2: Carrigaline Western Relief Road Part 8 Manager's Report

The Manager's Report for the Carrigaline Western Relief Road was prepared pursuant to the Requirements of Section 179 of the Planning and Development Act, 2000. The report lists the names of each member of the public or organisation that made a submission and provides a response to the main issues contained in the submissions. The Manager's Report was issued to each elected member of the Roads Area Committee in advance of the decision being taken by the elected members on whether to proceed with the Scheme as proposed.

Key Document 2: Project Appraisal Report

The Project Appraisal Report was created by Atkins Ltd. in 2018 and contained a detailed appraisal to evaluate the 'Do Something' case versus the 'Do Nothing' case. It also laid out the proposed route for the new road. The key criteria were listed as the following:

- Economy

To reduce congestion in Carrigaline and allow for its continued and orderly development while delivering economic benefits by reducing vehicle operating and time costs. To provide an alternative route for heavy goods vehicles passing through Carrigaline and supply business within Carrigaline.

- Environment

To enhance the environment by reducing emissions associated with traffic congestion and to ensure that significant environmental impacts are avoided in the design and implementation of the scheme.

- Accessibility & Social Inclusion

To provide for greater accessibility for vulnerable road users from all areas of Carrigaline. To encourage people to choose walking, cycling and public transport over using their cars.

- Integration

To be consistent with the Carrigaline Local Area Plan and in particular provision of community facilities. To encourage the greater

use of public amenities such as the walking routes off Soccer Club Road to the Owenbue River Banks.

- Safety

A high priority of this scheme is to improve traffic safety and to provide a safer environment for all road users, particularly for pedestrians along Carrigaline Main Street in light of the high number of accidents involving pedestrians, and particularly a pedestrian fatality on 2004.

Key Document 4: Appropriate Assessment Screening

An Appropriate Assessment Screening was conducted by Mott McDonald Ltd. in 2012 for the CWRR development spurs to identify the potential impacts of the scheme on the ecology of the receiving area, including designated sites.

Key Document 5: Compulsory Purchase Order (CPO)

The Compulsory Purchase Order authorised Cork County Council to acquire compulsorily the land described in the Schedule for the purposes of construction of the Carrigaline Western Relief Road. The CPO comprised six different landowners.

Section B - Step 4: Data Audit

The following section details the data audit that was carried out for the **Carrigaline Western Relief Road**. It evaluates whether appropriate data is available for the future evaluation of the project/programme.

Data Required	Use	Availability
Monthly Progress Reports	Details the progress made on site each month by the Contractor.	Yes
Tender Assessment Reports	Reports on tender assessments and evaluations carried out by Cork County Council.	Yes
Environmental Impact Statement	Sets out the practice and procedures for environmental protection during construction.	Yes
Financial Data/Invoices Consultants fees	Integra used on project to track payments.	Yes

Data Availability and Proposed Next Steps

It can be seen from the above table that the data required to evaluate the **Carrigaline Western Relief Road** is readily available.

Retrofitting of a trapezoidal kerb between the cycle path and footpath is due to be completed in late 2023. A post contract review is

currently being prepared by Atkins, who are the Employers Representative on the scheme. A ‘lessons learned’ review is scheduled for late May 2023.

Section B - Step 5: Key Evaluation Questions

The following section looks at the key evaluation questions for the **Carrigaline Western Relief Road** based on details from the previous sections of this report.

Does the delivery of the project/programme comply with the standards set out in the Public Spending Code? (Appraisal Stage, Implementation Stage and Post-Implementation Stage)

This project is substantially complete, and the stages undertaken so far are in compliance with the Public Spending Code.

Is the necessary data and information available such that the project/programme can be subjected to a full evaluation at a later date?

All the necessary data to date on the project is available on file for review.

What improvements are recommended such that future processes and management are enhanced?

Early engagement with agencies such as the Office of Public Works and the National Transport Agency is required prior to project tendering as subsequent changes to work requirements result in change orders and claims from the contractor at construction stage. A more simplified approach with reference to design could also be considered – three consultants designed various components of the project that could have been designed by a single consultant.

Section C: In-Depth Check Summary

The following section presents a summary of the outcomes of this In-Depth Check on the **Carrigaline Western Relief Road**.

Summary of the In-Depth Check

The project provides for a new 750m single carriageway road on the western side of Carrigaline town, connecting the R613 Ballea Road on the northern side of the town, with the R611 Kilmoney Road on the southern side of the town. The road also connects the Soccer Club Road. The CWRR encompasses a new bridge crossing to the Owenaboy river, and new signalised junctions at Ballea Road and Kilmoney Road. Two access points for future development of the area are provided, and a connection to the rear of Supervalu car park. A cycle track and wide footpaths are included in the project, along with two pump stations; a northern pump station and southern pump station.

This road development greatly reduces traffic flow through the Main Street of Carrigaline, especially heavy goods vehicles. The reduction in traffic volume provides significant relief to the town of Carrigaline and will allow for urban renewal of the urban area.

Changes in the works requirements as requested by the National Transport Authority resulted in significant extra claims and delay costs in the contract. In addition to these changes the Government introduced the ex-gratia inflation framework which resulted in extra costs to this scheme. The above items increased project costs in the order of €1.5m. Contractor claims made up the balance of the price differences.

Based on the In-depth Review of the **Carrigaline Western Relief Road** it would appear that the project is broadly compliant with the requirements of the Public Spending Code.

Section A: Introduction

This introductory section details the headline information on the programme or project in question.

Programme or Project Information	
Name	River Ilen (Skibbereen) Flood Relief Scheme
Detail	This project involved the design & construction of flood defense works on the River Ilen in Skibbereen Town and its environs
Responsible Body	Cork County Council
Current Status	Expenditure Being Incurred
Start Date	Works on site commenced week of 20 th June 2016
End Date	Main Works Contract substantially completed 19 th June 2019
Overall Cost	€33.531 million

Project Description

The market town of Skibbereen in west County Cork had been the victim of significant flooding over many years. Most notably in recent years the flood events of November 2009 caused widespread damage and hardship, when flood waters damaged over 150 residential and commercial properties and impacted schools, emergency services, care homes and other key infrastructure.

In response to this risk the Office of Public Works (OPW) in partnership with Cork County Council delivered a €33.5m flood relief scheme including both structural and non-structural measures, 100% funded by the OPW.

This scheme was carried out under the OPW powers of the Arterial Drainage Act, 1945 as amended by the Arterial Drainage (Amendment) Act, 1995. Confirmation of the scheme statutorily obliges the Commissioners to deliver the Scheme, and the OPW is also responsible for the future maintenance of the Scheme.

Following discussions between the OPW and Cork County Council, it was agreed that Cork County Council would act as OPW agent, under Section 43 of the Arterial Drainage Act, to advance the scheme.

In line with all national flood project implementation the Skibbereen FRS was implemented in five stages, as set out below:

- Stage I: Scheme Development and Design
- Stage II: Confirmation / Planning Process
- Stage III: Detailed Construction Design, Confirmation (if ADA route) and Tender
- Stage IV: Construction
- Stage V: Handover

To advance and implement a flood relief scheme for Skibbereen. Cork County Council, supported by the OPW and a Steering Group, commissioned the following contracts:

- Engineering and Environmental Consultancy Services (Design Engineers)
- Associated contracts required to develop the scheme, including but not limited to surveying, site investigation, etc.

- Works Contract(s)

It was also agreed that the Council would act as agents of the OPW for the Operation & Maintenance (O&M) phase of the scheme, under Section 43 of the Act.

The scheme was designed to protect the town from flooding from the River Ilan and its tributaries. The watercourses in the town are also tidally influenced. The works included construction of approximately 7.5km of flood defences in the form of flood embankments with and without sheet piled cores, reinforced concrete walls, sheet piled walls, stormwater pumping stations, culverts and other ancillary drainage works.

The completion of this scheme in 2019 saw the implementation of the final phase of a comprehensive urban infrastructure strategy initially conceived in the 1980's. This ensures that the town now has the key transportation, wastewater and drainage infrastructure to facilitate sustainable growth, minimise environmental risk and promote investment in the town into the future.

It will reduce flood risk for inhabitants and businesses in line with best practice, facilitate future amenity walks and public spaces along the riverbanks and enhance the public realm in the town centre.

History and Timeline of Project

The OPW and Cork County Council put in place a Steering Group for the project made up of the following:

- OPW - Administrative & Technical (Engineering) staff.
- Cork County Council – Engineering staff.
- Others as project advances (most notably the Design Consultants following appointment)

Following discussions and agreement with the OPW, Cork County Council advanced the procurement of scheme design consultants. In April 2010 a 2-stage process was commenced, as a restricted procedure was selected as the most appropriate procurement method. RPS Group, Consulting Engineers, were appointed on 10th February 2010 at which time they commenced Stage 1: Scheme Development and Design of the project. The initial appointment was for Stages 1 & 2 only, with approval sought to move to subsequent stages (approval of Client & OPW). In March 2011

RPS Group, Consulting Engineers, produced a Project Inception Document. This document definitively sets out the scope of service required by Cork County Council, as established in the Project Brief and Tender Schedule.

Stage 1 – Feasibility Study and Preparation of a Draft Flood Risk Management Plan

During 2011 and 2012 RPS produced Appropriate Assessment Screening and Preliminary Environmental (Constraints) Assessments, Hydrology, Hydraulic Analysis and Flood Map Preliminary Measures Screening Reports and a Multi-Criteria Analysis. Following identification of the preferred option for the scheme, benefit cost analysis was carried out in line with OPW guidance. The scheme met with the OPW's BCR criteria to move forward to Stage 2: EIS & Planning/Confirmation.

Stage 2 – Outline Design and Planning (Appropriate Assessment & EIS) and Final Flood Risk Management Plan

As part of Stage 2 a public exhibition was held in April and May 2013. In accordance with the OPW's Arterial Drainage Acts process the scheme was put on public display for 1 month and comments sought. A number of submissions were received, assessed and considered. A Public Exhibition Report was prepared by the consultants taking account of all observations made. In accordance with the 1945 Arterial Drainage Act, the OPW received Ministerial Confirmation for the flood relief scheme on 26th January 2016.

Stage 3 – Detailed Design, and Tender

Following the completion of the Exhibition the scheme progressed through detailed engineering design. The environmental impact of changes to the proposed engineering solution were also assessed and an Addendum to the Environmental Impact Statement was prepared and submitted to the Minister for Ministerial Confirmation. On Friday 20th May 2016 Cork County Council appointed Jons Civil Engineering Ltd. as Main Contractors for the River Ilen (Skibbereen) Drainage Scheme.

Stage 4 – Construction

The Employers Representative Role (ER) was undertaken by RPS Consulting Engineers, assisted by an onsite Resident Engineer Team (RE).

The ER duties were to supervise the construction of the works and supervise the contract. Monthly Progress Meetings were held with the ER, Contractor, RE Staff & Client in attendance. Any critical items with design or cost implications were brought to Skibbereen FRS steering group meeting for discussion and agreement. On-site works commenced in June 2016. As per the tendered programme the works were to take 36 months to complete. The Appointed contractor Jons Civil Engineering Ltd (JCEL) submitted a works programme which was updated as the project progressed. The original program was 36 months & the actual works took 38 months to substantial completion.

A number of items were removed from the works contract by agreement, most notably one works area (WA7A) in the centre of town where there is an issue with landowner agreement. This element of the flood relief protection work is not complete, and this work is to be advanced following agreement with the landowner.

Stage 5 – Handover of Works

This stage involves the close out of the main works contract & snagging of the works. The ER prepared the Final Account Report for the main works contract with JCEL.

O&M Phase (following substantial completion)

For the flood effected communities involved and for the Local Authority, Stage V, referred to as ‘Handover’, is a critical stage and commences the operational life of the scheme. As noted above the Council are acting as agents of the OPW for the Operation & Maintenance (O&M) phase of the scheme. Routine maintenance is required on the Flood Relief Scheme to ensure the Scheme continues to perform as designed. In conjunction with the identified O&M tasks above other works may be required to ensure the scheme works correctly, as every flood is different, and adaptations may occur during the lifetime of the scheme. During the O&M phase improvements may also be found to streamline the O&M phase. This process is continuous with reviews and discussions ongoing between the OPW & Cork County Council. Any works, modifications to the scheme or O&M tasks are agreed between both parties.

A Service Level Agreement is to be put in place between the OPW & Cork County Council for the O&M phase. This process is advancing with an agreed wording being reached on OPW flood Schemes in Cork County Council and once agreed an SLA for Skibbereen FRS will be put in place.

Follow-on Works and Completion of Scheme Works

Flood relief schemes are very complex in nature and issues can arise following the scheme completion during the first number of floods. This is the case in most built OPW schemes. In Skibbereen, following some significant floods, some areas required further investigation and consideration of further works. A number of follow-on works have been identified and Cork County Council is advancing these in partnership with the OPW and the scheme consultants, RPS.

A discrete section of the flood defences of 60m in length, referred to as WA7A, was removed from the main works contract due to landowner agreement issues. This section of flood defence wall is to be constructed in a follow-on contract.

Section B - Step 1: Logic Model Mapping

As part of this In-Depth Check, the Engineering Department of Cork County Council have completed a Programme Logic Model (PLM) for the River Ilen (Skibbereen) Flood Relief Scheme. A PLM is a standard evaluation tool and further information on their nature is available in the Public Spending Code.

Objectives	Inputs	Activities	Outputs	Outcomes
<ul style="list-style-type: none"> • Reduce flood risk to a 1 in 200-year event, meeting international standards • Minimisation of environmental risk • Promote investment in the town into the future 	<ul style="list-style-type: none"> • OPW Funding • Cork County Council Employees • Technical Advisor Staff • Employer’s Representative and Site Supervision Staff • Contractor and Contractor’s Designer Staff • Etenders and Official Journal of the EU • Integra Financial Management System for issuing payments and receipt of recoupmnts 	<ul style="list-style-type: none"> • Project Inception Document, Brief and Tender Schedule • Stage 1 Reports • Project Appraisal • Confirmation of Scheme • Appointment of Technical Advisors • Preparation of Specimen Design and Contract Documents • Tender and Award of Advance and Main Contracts • Works Monitoring, Appraisal and Contract Admin. • Payment of invoices and recoupment of grant funding. • Cost and Environmental Management 	<ul style="list-style-type: none"> • Floodwalls, embankments, floodgates, barriers and culverts • Pumping chambers and associated pumps and M&E equipment • Realignment of sections of local roads • Installation of valves • Alteration works to existing bridge parapets • Regrading, realignment and stabilization of sections of the river • New sewers, pipes and manholes • Diversions and reconstruction of existing sewers and utilities 	<ul style="list-style-type: none"> • Mitigating flood risk for Skibbereen Town. • Improved public realm (secondary outcome) • Promote investment in the town into the future

Objectives: The objectives of the River Ilen (Skibbereen) Flood Relief Scheme include, but are not limited to the following:

- several flood alleviation elements which when correctly operated and maintained will provide protection to the town of Skibbereen for up to the combined 0.5% AEP event (1 in 200 year) for Tidal and fluvial with an additional freeboard allowance of 500mm to all defence heights
- Minimisation of environmental risk
- Promote investment in the town into the future

Inputs:

Financial Inputs: Funding for the project was received from the Office of Public Works

Human Inputs: The staff working on the project include consulting engineering staff, Contractors Staff, Specialists, Resident Engineering Staff, contract staff and in-house project team of council staff.

System Inputs: Integra- A Financial Management system for issuing payments and recoupment of grant monies from the Department of Transport.

Activities: Preparation of a Project Inception Document. Preparation of Project Brief and Tender Schedule. Preparation of an Appropriate Assessment Screening and Preliminary Environmental (Constraints) Assessment. Creation of Hydrology, Hydraulic Analysis and Flood Map Reports. Creation of a Preliminary Measures Screening Report. Conducting of a Multi-Criteria Analysis. Confirmation of Scheme under the Arterial Drainage Acts. Appointment of Technical Advisors. Preparation of Specimen Design and Contract Documents. Tender and Award of Main Contract. Works Contract Appraisal at Steering Group Meeting. Works Monitoring and Contract Administration. Payment of invoices and recoupment of grant funding from OPW. Cost Management. Environmental Management

Outputs:

- Approximately 1,650lin.m of reinforced concrete floodwall
- Approximately 1,850lin.m of sheet piled floodwall
- Approximately 1,060lin.m of embankment with a sheet piled core extending through the subsurface gravel layers and 1,360lin.m of embankment without sheet piled core
- Approximately 340 lin. m of approximately 5m wide concrete U channel/concrete clad sheet piled channel
- Approximately 587lin.m of masonry faced blockwork floodwalls and approximately 455lin.m of exposed blockwork floodwall.
- Approximately 160lin.m. glass floodwall in a number of locations
- Floodgates at 1.5m wide at the West Cork Hotel, Levis Quay and at a private property on Castletownshend Road
- 2 no. 1-2m wide demountable barriers at a private property on Coronea Drive
- Approximately 383lin.m of concrete box culverts realigning existing watercourses through the proposed defences
- 2 no. stormwater pumping chambers and the provision of associated pumps and mechanical and electrical equipment
- Vertical realignment of sections of existing local roads to raise top surface above the flood defence level
- Installation of non-return valves on existing and proposed drainage outfalls
- Alteration works to existing bridge parapets
- Regrading of the River Ilen channel under Kennedy Bridge
- Realignment and stabilisation of approximately 310lin.m of the north bank of the River Ilen in the Marsh area
- Construction of 459lin.m of new surface water sewers and 4,944lin.m of groundwater pipes including 139 no. of associated manholes to drain the areas behind the proposed defences

- Diversion and reconstruction of existing sewers and utilities in areas where they are impacted on by the proposed defence works

Outcomes: Mitigate flood risk in the town of Skibbereen.
An improved public realm in Skibbereen Town
Promote investment in the town into the future.

Section B - Step 2: Summary Timeline of Project/Programme

The following section tracks the **River Ilen Flood Relief Scheme** from inception to conclusion in terms of major project/programme milestones.

- November 2010 – Murphy Surveys appointed to provide surveying services
- February 2011 - RPS Group appointed Consulting Engineers following competition on etenders
- March 2011 – January 2012: Stage 1 Assessment and Analysis completed
- May 2012 – Scheme approval granted by OPW
- July 2013 - ISGL Ltd. Awarded Geotechnical Site Investigation contract following competition on etenders
- June 2015 – Approval for Cork County Council to act as OPW’s agent for remaining stages of project granted
- May 2016 - June 2015 – Jons Civil Engineering awarded Construction Works contract following competition on etenders
- June 2016 – Onsite works commence
- June 2019 – Substantial completion of main works contract 19th June 2019
- June 2019 – present Stage 5 Handover & commencement of Operation & Maintenance Phase of Scheme.

Section B - Step 3: Analysis of Key Documents

The following section reviews the key documentation relating to appraisal, analysis and evaluation for the **River Ilen Flood Relief Scheme** .

Project/Programme Key Documents		
Title		Details
1	Project Inception Document	Definitively set out the scope of service required, as established in the Project Brief and Tender Schedule
2	Preliminary Environmental (Constraints) Assessment	This report describes the environmental constraints that need to be considered to enable selection of possible flood relief options with the least environmental impacts.
3	Preliminary Measures Screening Report	This involved a screening exercise to consider potential Flood Risk Management (FRM) methods for their viability against a range of criteria.
4	Multi Criteria Analysis	This report details the process whereby the previously screened flood risk management measures for each of the five assessment units are developed into potential flood risk management options for the River Ilen Catchment.
5	Stage 1 Options Report	This report presented the preferred option chosen to mitigate flood risk in the town of Skibbereen. The report also detailed the options considered.
6	Environmental Impact Statement (EIS)	The EIS documents the impact that the flood relief works would have on the environment should they proceed
7	Confirmation Documents	The planning phase of the scheme was under the OPW powers of the Arterial Drainage Acts, this phase is known as Confirmation. This involves a public exhibition & submission of comments/observations prior to the Minister confirming the scheme.

8	Main Works Contract Tender Documents	Following detailed design of the scheme, the tender document for the procurement process for the main works contractor were prepared.
9	Final Account Report	Report prepared by the Employers Representative on the final account of the main works contract.

Key Document 1: Project Inception Document

The purpose of the Project Inception Document (PID) was to definitively set-out out the scope of service required by Cork County Council, as established in the Project Brief and Tender Schedule. In response to the scope of service, the PID set out the project management system and project methodology that RPS proposed to employ to deliver the service to the expectations of Cork County Council.

Key Document 2: Preliminary Environmental (Constraints) Assessment

The purpose of this report is to describe the environmental constraints in the Study Area that needed to be considered to enable selection of possible flood relief options with the least environmental impact. The environmental Constraints Study compiled relevant information regarding environmental issues. The desk (and partial field) based data collection focused on determining the environmental constraints that could affect the proposed location of the flood relief works. The report proposed a number of recommendations to take into consideration at the design phase of the project, under the following key areas: Human Environment, Flora and Fauna, Water Quality and Fisheries, Landscape and Visual, Soils Geology and Hydrogeology, Material Assets, Noise and Vibration, Air and Climate, Archaeology and Cultural Heritage.

Key Document 3: Preliminary Measures Screening Report

RPS conducted a screening exercise to consider potential Flood Risk Management (FRM) methods for their viability against a range of criteria, including:

- Applicability to relevant area
- Economic (potential benefits, costs, impacts)
- Environmental (potential benefits, impacts and opportunities)

- Social (social, legal and political acceptability, impacts on community development and sustainability etc.)
- Cultural (potential benefits, impacts and opportunities)

22 separate measures were identified and scored, with “do nothing” as the baseline against which all other measures were compared.

Key Document 4: Multi Criteria Analysis

This report details the process whereby the previously screened flood risk management measures for each of the five assessment units are developed into potential flood risk management options for the River Ilen Catchment. It developed the options not screened out as part of the Preliminary Option Screening Report with the objective of identifying a flood risk management solution capable of providing flood protection to the design standard. Based on the analysis, a preferred option for the reduction of flood risk was identified. This option included hard defences, channel widening, pumping stations and valves on existing uncontrolled storm drainage, amongst other measures. An estimated all-in cost of €11,489,565 incl. VAT was stated, with a benefit cost ratio of 2.45, representing a strong economic return.

Key Document 5: Stage 1 Options Report

Significant work is undertaken in Stage 1 of an FRS to investigate the hydrology & hydraulics of the catchment, along with detailed examination and surveys of the location (topographic surveys, site investigation works, environmental surveys, etc.). Detailed consideration is undertaken of all available option to mitigate flood risk. A Multi Criteria Analysis is undertaken of the option following OPW guidance documentation. This analysis considers each option under the following aspects - Technical, Economic, Environmental, Social & Cultural. This process produces a preferred option which is brought forward to Stage 2.

The Skibbereen FRS Stage 1 Options Report presented the preferred option chosen to mitigate flood risk in the town of Skibbereen. The report also detailed the options considered.

Key Document 6: Environmental Impact Statement (EIS)

The EIS documents is a detailed examination of the impact that the flood relief works would have on the environment should they proceed. This document assisted to inform the detailed design of the scheme along with the construction.

Key Document 7: Confirmation Documents

The planning phase of the scheme was under the OPW powers of the Arterial Drainage Acts, this phase is known as Confirmation. This involves a public exhibition & submission of comments/observations prior to the Minister confirming the scheme. The set of confirmation documents include drawings, environmental reports, posters, information leaflets, etc. Submissions were made by the public and each considered. Some minor alterations were made to the scheme. A Public Exhibition report, updated confirmation drawings & documents were submitted to the Minister for DEPR for consideration. Following consideration, the Minister confirmed the scheme on 19th June 2016.

Key Document 8: Final Account Report

The Final Account Report was prepared by the Employers Representative on the final financial aspects of the main works contract with Jons Civil Engineering Ltd.

Section B - Step 4: Data Audit

The following section details the data audit that was carried out for the **River Ilen Flood Relief Scheme**. It evaluates whether appropriate data is available for the future evaluation of the project/programme.

Data Required	Use	Availability
Monthly Steering Group Minutes	Details the progress made on the project each month.	Yes
Monthly Progress Reports	Details the progress made on site each month by the Contractor.	Yes
Progress Group Minutes	Meetings held on site with the Contractor to discuss progress made.	Yes
Tender Assessment Report	Reports on the tender assessment and evaluations carried out	Yes
Multi Criterial Analysis Report	Report detailing the consideration of all flood mitigation options as per OPW guidance.	Yes

Cost Benefit Analysis Report	This report is used to determine the economic viability of the proposed flood risk management option, whereby the economic benefit that a flood risk management option provides is compared to the costs of the option to form a Benefit-Cost ratio.	Yes
Environmental Impact Statement	Sets out the practice and procedures for environmental protection during construction.	Yes
Financial Data/Invoices Consultants fees	Integra used on project to track payments.	Yes

Data Availability and Proposed Next Steps

As there is an element of the Skibbereen FRS that is outstanding (WA7A) the scheme is not complete, however it has entered the operation & maintenance phase. As the scheme progresses any issues that arise will be dealt with and any opportunities for improvements will be considered.

Following Cork County Council's experience with the delivery of the Skibbereen FRS, the Coastal & Flood Projects department commenced a lean Six Sigma process of Lessons Learned for the delivery of flood relief schemes. Cork County Council invited partners from the OPW, Cork City Council and Kerry to engage in this process & it has since moved on to a wider group with other Local

Authorities involved in the delivery of FRS's.

Our lessons learned process involves capturing issues during all stages of FRS's & considering options to eliminate or minimize risks/claims going forward. In essence we have created 2 datasets; one for the Design Consultants Brief & one for the Works Contract(s).

This lessons learned process has led to Cork County Council assisting the OPW in updating the national template briefs for flood relief schemes and it has also shown improvements in the delivery of works contracts and minimizing claims from both contractors & consultants.

This process has been supported by Cork County Council senior management & the Office of Government Procurement. Other departments in Cork County Council have also used this Lessons Learned process to assist them in the delivery of capital projects.

The Lessons Learned Process is ongoing and will be continued by Cork County Council as it proven to be invaluable in delivering subsequent projects.

Section B - Step 5: Key Evaluation Questions

The following section looks at the key evaluation questions for the **River Ilen (Skibbereen) Flood Relief Scheme** based on details from the previous sections of this report.

Does the delivery of the project/programme comply with the standards set out in the Public Spending Code? (Appraisal Stage, Implementation Stage and Post-Implementation Stage)

The main works contract for this project was substantially completed in June 2019 and is current at Stage 5/O&M stage. There is still one section of the project to be completed (WA7A) which involves circa 60m of flood defence wall. The project was found to be in compliance with the Public Spending Code.

Is the necessary data and information available such that the project/programme can be subjected to a full evaluation at a later date?

All the necessary data to date on the project is available on file for review.

What improvements are recommended such that future processes and management are enhanced?

As described above, following Cork County Council's experience with the delivery of the Skibbereen FRS, the Coastal & Flood Projects department commenced a lean Six Sigma process of Lessons Learnt for the delivery of flood relief schemes. This process is ongoing and will be continued by Cork County Council in the delivery of other capital projects.

Section C: In-Depth Check Summary

The following section presents a summary of the outcomes of this In-Depth Check on the **River Ilen (Skibbereen) Flood Relief Scheme**.

Summary of the In-Depth Check

The market town of Skibbereen in west County Cork had been the victim of significant flooding over many years. Most notably in recent years the flood events of November 2009 caused widespread damage and hardship, when flood waters damaged over 150 residential and commercial properties and impacted schools, emergency services, care homes and other key infrastructure.

In response to this risk the Office of Public Works and the project team led by Cork County Council delivered a €33.5m flood relief scheme including both structural and non-structural measures, 100% funded by the OPW. The scheme was designed to protect the town from flooding from the River Ilen and its tributaries. The watercourses in the town are also tidally influenced. The works included construction of approximately 7.5km of flood defences in the form of flood embankments with and without sheet piled cores, reinforced concrete walls, sheet piled walls, stormwater pumping stations, culverts and other ancillary drainage works.

The completion of this scheme in 2019 saw the implementation of the final phase of a comprehensive urban infrastructure strategy initially conceived in the 1980's. This ensures that the town now has the key transportation, wastewater and drainage infrastructure to facilitate sustainable growth, minimise environmental risk and promote investment in the town into the future.

It will reduce flood risk for inhabitants and businesses in line with best practice, facilitate future amenity walks and public spaces along the riverbanks and enhance the public realm in the town centre.

Based on the In-depth Review of the **River Ilen (Skibbereen) Flood Relief Scheme** it would appear that the project is broadly compliant with the requirements of the Public Spending Code.

Section A: Introduction

This introductory section details the headline information on the programme or project in question.

Programme or Project Information	
Name	TSS Hazelbrook Spa Glen Housing Units
Detail	The acquisition of 68 Turnkey Units at Hazelbrook, Ballyvinitier, Mallow
Responsible Body	Cork County Council
Current Status	Completed
Start Date	February 2019
End Date	June 2021
Overall Cost	€16.244 million

Project Description

The project involved the construction of 68 units to turnkey standard by a private developer for acquisition by Cork County Council upon completion. The development consisted of the following:

Type	Total No.
2 bed ground floor apt	16
2 bed townhouse (mid)	8
3 bed townhouse (end)	8
3 bed duplex	16
3 bed semi-detached	18
4 bed semi-detached	2

Section B - Step 1: Logic Model Mapping

As part of this In-Depth Check, the Internal Audit Department Cork County Council has completed a Programme Logic Model (PLM) for the **TSS Hazelbrook Spa Glen Housing Units**. A PLM is a standard evaluation tool and further information on their nature is available in the Public Spending Code.

Objectives	Inputs	Activities	Outputs	Outcomes
<ul style="list-style-type: none"> • To provide good quality houses for approved housing applicants on the housing waiting list. • To ensure value for money is achieved. • To ensure houses are suitable for the needs of people on the waiting list. 	<ul style="list-style-type: none"> • A budget of €16.244m • An in-house project management team managing the project. 	<ul style="list-style-type: none"> • Preparing funding applications to the Department for approval. • Leading an internal legal team to ensure all acquisitions are properly undertaken and that the Councils interests are protected. • Payment of invoices and recoupment of funds from the Department. • Monitoring spend and ensuring budget adherence 	<ul style="list-style-type: none"> • 68 no. homes of good quality and suitable to the needs of potential tenants. 	<ul style="list-style-type: none"> • Providing good quality social houses for the people of Mallow who are not in a position to provide their own accommodation. • Assist in creating a positive community spirit within an existing residential area and to reduce numbers on the waiting list. • Increase the Housing Stock

- Objectives:** The objective of the housing project at Hazelbrook, Ballyvinitier, Mallow was the acquisition of 68 Turnkey Houses which are used to accommodate applicants on the social housing list. The project aimed to ensure value for money was achieved.
- Inputs:** A budget of €16.244 million was expended on the project. Staff were appointed in-house to manage the project.
- Activities:** The preparation of funding applications to the Department for approval and the payment of invoices and the recoupment of funds from the Department.
Leading an internal legal team to ensure that acquisitions were properly undertaken and have the Councils interests protected.
The ongoing monitoring of expenditure and ensuring adherence to the allocated budget.
- Outputs:** The acquisition of 68 good quality houses to meet the needs of potential tenants.
- Outcomes:** The provision of 68 social houses for the people of Mallow who were not in a position to provide their own accommodation.
The creation of a positive community spirit within a residential area and enabling the reduction of numbers on the housing waiting list.

Section B - Step 2: Summary Timeline of Project/Programme

The following section tracks the **Social Housing Project at Hazelbrook, Ballyvinitier, Mallow** from inception to conclusion in terms of major project/programme milestones.

- 2011- 2017: Cork County Development Plan- Housing Strategy
- 2017: Council launch expressions of interest campaign for turnkey housing
- 2017: Developer approaches Cork County Council with a proposal for 50 turnkey units, as part of a larger 100-unit development
- 2017: Cork County Council undertakes a Capital Appraisal of the proposal: Demand, VFM etc.
- 2017: Cork County Council verifies demand and value for money and makes a funding submission to the DHPLG
- 2017: Approval granted by the DHPLG for the acquisition of a 50-unit turnkey housing scheme
- 2018: Site density increased by An Bord Pleanala, to a total development size of 149 units, under the Strategic Housing Development process
- 2018: Developer makes a revised proposal to provide 68 units as part of the larger development
- 2018: Cork County Council reassesses and verifies demand and value for money and makes a revised funding submission to the DHPLG
- 2018: Revised approval sought and granted for 68 units by the DHPLG in June
- 2018: Planning Approved by An Bord Pleanala under the Strategic Housing Development process
- 2018: Legal discussions and negotiations commence

- 2019: Contractor starts on site in February
- 2019: Contracts signed in April
- 2019: First phase of 8 units handed over to Cork County Council in August
- 2019: Second Phase of 8 units handed over to Cork County Council in November
- 2020: The remaining 52 units were to be handed over to Cork County Council in phases, with the last phase due to be handed over in December 2020.
- 2020-2021: The Remaining units were completed and handed over to Cork County Council in phases in 2020-2021. The completion, handover & allocation of these units was delayed on multiple occasions due to the impact of restrictions on the construction sector in terms of lockdowns, social distancing & knock on Supply chain impacts.
- 2020-2021: All units were snagged for quality control before being handed over and paid for, by a Council Clerk of Works
- 2022: All properties were allocated by the middle of 2022
- 2023: There have been 294 repair requests on these properties. A large number of these repair requests were duplicate requests and the majority related to the operation of the air to water heating system in the property

Section B - Step 3: Analysis of Key Documents

The following section reviews the key documentation relating to appraisal, analysis and evaluation for the **TSS Hazelbrook Spa Glen Housing Units**.

Project/Programme Key Documents	
Title	Details
Rebuilding Ireland – Action Plan for Housing and Homelessness	Target to provide 50,000 new social housing units by 2021.
Capital Appraisal	Details the relevant information for the assessment of the project
Developers Revised Proposal	Detail costings for 68 units instead of original submission for 50 units
Department Funding Approval Letter	Approval for 68 units at an estimated cost of €16.524m
Directors Orders	Directors Orders authorising property acquisitions.
Assessment of Housing Needs	Details the number of Housing Applicants and their requirements

Key Document 1: Rebuilding Ireland - Action Plan for Housing and Homelessness

Rebuilding Ireland – Action Plan for Housing and Homelessness was published by the Department of Housing, Planning, Community and Local Government in 2016. One of the core pillars of the plan is to provide 50,000 new social housing units by 2021 to meet the social housing supply requirements.

Key Document 2: Capital Appraisal

This document outlines the need, planning status, zoning and sustainability of tenure, the procurement process, design quality, Part V, compliance with building standards, cost and value for money.

Key Document 3: Developer's Revised Proposal

This document outlines the revised proposal for 68 units instead of the original turnkey submission for 50 units due to the site density being increased by An Bord Pleanala.

Key Document 4: Department Funding Approval Letter

Approval was received from the Department for the acquisition of 68 Turnkey houses at a cost of €16.524m. The approval letter stated that the Department had no objection to issuing Single Stage approval subject to acceptance of the budget and outlined a number of conditions and disclaimers.

- Confirmation that the Council are satisfied that it will have no difficulty allocating the duplex units.

- Ensure that all normal conveyance checks are carried out including certification of compliance with the building regulations by an Assigned Certifier.
- Note that approval is strictly on the basis that the purchase price of the houses is an all-inclusive fixed price, in walk in condition on completion of the works.
- Note that any potential issues arising from third party claims as a result of non-compliance with procurement requirements and that no additional funding will be requested from the department for any such potential issues.
- Clarify the cost submitted for Property and registration and what this cost relates to.

Key Document 5: Directors Orders

A Directors order was put in place authorising the acquisition of each turnkey property, signed by the Director of Corporate Services on the recommendation of the Senior Executive Officer in Property and Housing.

Directors Orders were originally signed with the name Hallmarks Building Services as the vendor. Subsequently the vendors name changed that they were using on the contracts to Greenstone Properties Limited and thus revised orders were signed and the original orders rescinded.

Key Document 6: Assessment of Housing Needs

This documents the number of social housing applicants on Cork County Council's housing list. It provides information on preferred location, number of bedrooms required in accordance with family size and any special needs.

Section B - Step 4: Data Audit

The following section details the data audit that was carried out for the **TSS Hazelbrook Spa Glen Housing Units**. It evaluates whether appropriate data is available for the future evaluation of the project/programme.

Data Required	Use	Availability
Original Turnkey Submission	Assess if project was appraised.	Yes
Expression of Interest Campaign	Assess procurement process.	Yes
Funding Application approval from the Department	Assess if funding was sanctioned.	Yes
Legal Documentation re acquisition of the properties	Assess if Councils interest is protected.	Yes
Market Value Assessment by an Independent external valuer	Assess if Value for Money was achieved.	Yes
Schedule of handover of completed units	Assess if the project adhered to agreed timelines.	Yes
Number of repair requests after the takeover of the units	Assess the quality of construction.	Yes

Data Availability and Proposed Next Steps

The main objective of this project was to provide accommodation to people on the housing list. An assessment on the suitability of the houses can only be assessed over a longer period of time.

The necessary data is available on file to assess the financial assessment and the procurement process. On completion of the project, final invoices for acquisition of the properties was submitted to the department and the funding costs were recouped.

Section B - Step 5: Key Evaluation Questions

The following section looks at the key evaluation questions for the **TSS Hazelbrook Spa Glen Housing Units** based on the details from the previous sections of this report.

Does the delivery of the project/programme comply with the standards set out in the Public Spending Code? (Appraisal Stage, Implementation Stage and Post-Implementation Stage)

This project is completed, and the stages undertaken were in compliance with the Public Spending Code.

Is the necessary data and information available such that the project/programme can be subjected to a full evaluation at a later date?

All the necessary data to date on the project is available on file for review.

What improvements are recommended such that future processes and management are enhanced?

No recommendations were noted.

Section C: In-Depth Check Summary

The following section presents a summary of the outcomes of this In-Depth Check on the **TSS Hazelbrook Spa Glen Housing Units**.

Summary of the In-Depth Check

The objective of this project at Hazel Brook, Ballyvinitier, Mallow was to acquire from a private developer houses that will accommodate applicants on the social housing list. There was an obvious housing need in this area as outlined in the Assessment of Housing Needs document. The acquisition includes 16 no. 2 bed ground floor apartments, 8 no. 2 bed mid terrace townhouses, 8 no. 3 bed end of terrace townhouses, 16 no. 3 bed duplex, 18 no. 3 bed semi-detached and 2 no. 4 bed semi-detached houses.

There were two approvals from the Department of Housing, Planning and Local Government for this project. The reason for this was that An Bord Pleanala increased the site density of the development from 100 houses to 149 under the Strategic Housing Development Process. The developer then revised his proposal on the number of units from 50 to 68 units.

The delivery of these Units was delayed with 294 repair requests on these properties to date. A large number of these repair requests were duplicate requests and the majority related to the operation of the air to water heating system in the property. The delays in delivering the project were a result of the measures & restrictions arising from the Covid pandemic and associated supply chain issues and labour shortages

Based on the In-depth Review of the **TSS Hazelbrook Spa Glen Housing Units** it would appear that the project is broadly compliant with the requirements of the Public Spending Code. However, although review discussions are a standing agenda item on Housing Management Team meetings, it is noted that no post-project reviews are published for Turnkey projects and should probably be considered further by Management.