

# Dublin

## Major Water Projects

Project	Description	Status
Water Supply Project	To provide long-term water supply to GDA and Midlands regions. Abstraction of water from Lough Derg with raw water storage in midlands.	SEA completed 2010 Planning app 2016 Construction 2018 (if approved)
Dublin Region Watermains Rehabilitation Project	To assist in reducing leakage through identification and replacement of old pipes. Improved level of service & security of supply. Similar projects across the country.	<ul style="list-style-type: none"> <li>Launched 2006</li> <li>140,000m of pipes replaced</li> </ul>

## Water Supply

The Irish Water Proposed Capital Investment Plan 2014-2016 includes 153 water supply schemes across the country requiring investment. The following schemes are in Dublin.

Scheme	Status 2014-2016
Ballymore Eustace Sludge Treatment Civil Works	Continue in Construction
Dublin City Supply Scheme Vartry Filter Automation	Continue in Construction
North City Water Supply Scheme Phase 1	Review Scope and Commence Construction
Dublin City Water Supply Scheme Vartry Tunnel Replacement	Review Scope and Commence Construction
Ballymore Eustace Water Treatment Plant Sludge treatment M&E Works	Review Scope and Commence Construction
Ballymore Eustace Water Treatment Plant Refurbishment of Filters 1 - 20	Review Scope and Commence Construction
Dublin City Water Supply Scheme UV treatment at Callowhill Tunnel	Review Scope and Commence Construction
Dublin City Water Supply Scheme Saggart Reservoir	Review Scope and Commence Construction
Dublin City Water Supply Scheme UV Treatment at Stillorgan reservoir	Review Scope and Commence Construction
North City Water Supply Scheme Phases 2 & 3 Network (Arterial Watermain)	Review Scope and Commence Construction
Dublin City Water Supply Scheme -Vartry Water treatment works upgrade strategy	Continue Planning and Business Case Review
Dublin City Water Supply Scheme Vartry Reservoir - draw-off pipework	Continue Planning and Business Case Review
Dublin Water Supply Scheme Longterm Water Source Phase 1	Continue Planning and Business Case Review
Old Connaught/Woodbrook Water (& Sewerage) Scheme	Continue Planning and Business Case Review
Leixlip Water Treatment Plant	Continue in Construction
Balbriggan Water Supply Scheme Phase 2 to Jordanstown Kilsough Trunk Watermain	Review Scope and Commence Construction
Howth Water Supply Scheme PH 3 & 2	Continue Planning and Business Case Review
Ballycoolen to Kingstown Trunk Main	Continue Planning and Business Case Review
Malahide Water Supply Scheme Civil Works (Malahide Reservoir)	Continue Planning and Business Case Review
Strategic Watermain Link between Leixlip and Saggart	Review Scope and Commence Construction
<b>Total projected spend</b>	<b>€72,597,513</b>

## Major Wastewater Projects

Project	Description	P.E.	Status
Ringsend WwTW Expansion	Designed in 2003 to treat 1.64 million PE. Currently working at over capacity. Need for expansion	1.64 million Expanding to 2.1 million	Scheme to expand and upgrade plant being progressed
Greater Dublin Drainage	Provide wastewater capacity for GDA to develop new plant at Clonsaugh, 26km pipeline & 6km outfall at Baldoyle Bay	350,000 Expanding to 700,000 by 2040	EIS underway Planning application 2015 Construction 2018 (if approved)

## Wastewater Treatment

The Irish Water Proposed Capital Investment Plan 2014-2016 includes 233 wastewater treatment schemes across the country requiring investment. The following schemes are in Dublin.

Scheme	Status 2014-2016
Ringsend WwTP – Surgical Insertions and Accommodation Works	Continue in Construction
Ringsend WwTP – Upgrade Works	Review Scope and Commence Construction
Ringsend Main Lift Pumping Station	Review Scope and Commence Construction
Rathmines & Pembroke Sewerage Scheme	Continue Planning and Business Case Review
North Dockland Sewerage Scheme Spencer Dock Pumping Station	Continue in Construction
GDRDP, City Centre Sewerage Scheme	Continue Planning and Business Case Review
Dun Laoghaire Sewerage Scheme Phase 1 Attenuation Tank	Continue in Construction
Dun Laoghaire Sewerage Scheme Phase 1 Burton Hall Avenue Foul Sewer Upgrade	Continue in Construction
Dun Laoghaire Sewerage Scheme Phase 1 Network Upgrade Sandyford/Stillorgan Improvement- Tunnel	Continue Planning and Business Case Review
Old Connaught/Woodbrook Sewerage Scheme	Continue Planning and Business Case Review
Bray- Shanganagh Sewerage Scheme Shanganagh Catchment Study	Continue Planning and Business Case Review
Dun Laoghaire Sewerage Scheme Phase 1 2D Foul Sewer Upgrade as part of Leopardstown Roundabout Upgrade	Continue Planning and Business Case Review
Dun Laoghaire Sewerage Scheme Phase 1 Moreen Environs Foul Sewer Upgrade Phase 4	Continue Planning and Business Case Review
Dun Laoghaire Sewerage Scheme Phase 1 Surface Water Separation	Continue in Construction
Swords Sewerage Scheme (WwTP Upgrade)	Continue in Construction
Balbriggan/Skerries WWT Scheme - Dublin Road pumping station Balbriggan	Review Scope and Commence Construction
Balbriggan/Skerries WWT Scheme - Rush Road pumping station Skerries	Review Scope and Commence Construction
Portrane/ Donabate/ rush/ Lusk Sewage Scheme and remaining Sewer Network Upgrade & rehab	Review Scope and Commence Construction
Portmarnock Catchment Sewerage Scheme	Continue Planning and Business Case Review
Blanchardstown Regional Drainage Scheme 9c Sewer and Storage	Continue Planning and Business Case Review
Malahide Sewerage Scheme	Continue Planning and Business Case Review
Balbriggan/Skerries Sewerage Scheme Phase 3 Network Upgrades	Continue Planning and Business Case Review
Swords Network Old Town to Moorestown Drainage Scheme	Continue Planning and Business Case Review
Cloghran Sewerage Scheme	Continue Planning and Business Case Review
<b>Total projected spend</b>	<b>€124,635,200</b>

## Existing WwTPs that failed EPA monitoring in 2012

Urban area	Reason for failure	Persistent failures	WWTP (p.e.)	Level of treatment provided
Ringsend	Quality		1,640,000	Secondary & UV
Loughshinny	No secondary	700	Primary	
Lusk	No secondary	2,300	Primary	✓
Portrane	Sample no.	65,000	Secondary & UV	
Rush	No secondary		No treatment	
Toberburr	No results	640	Secondary	

Wastewater treatment plants which are currently failing will be addressed through process optimisation and minor capital investment where possible.