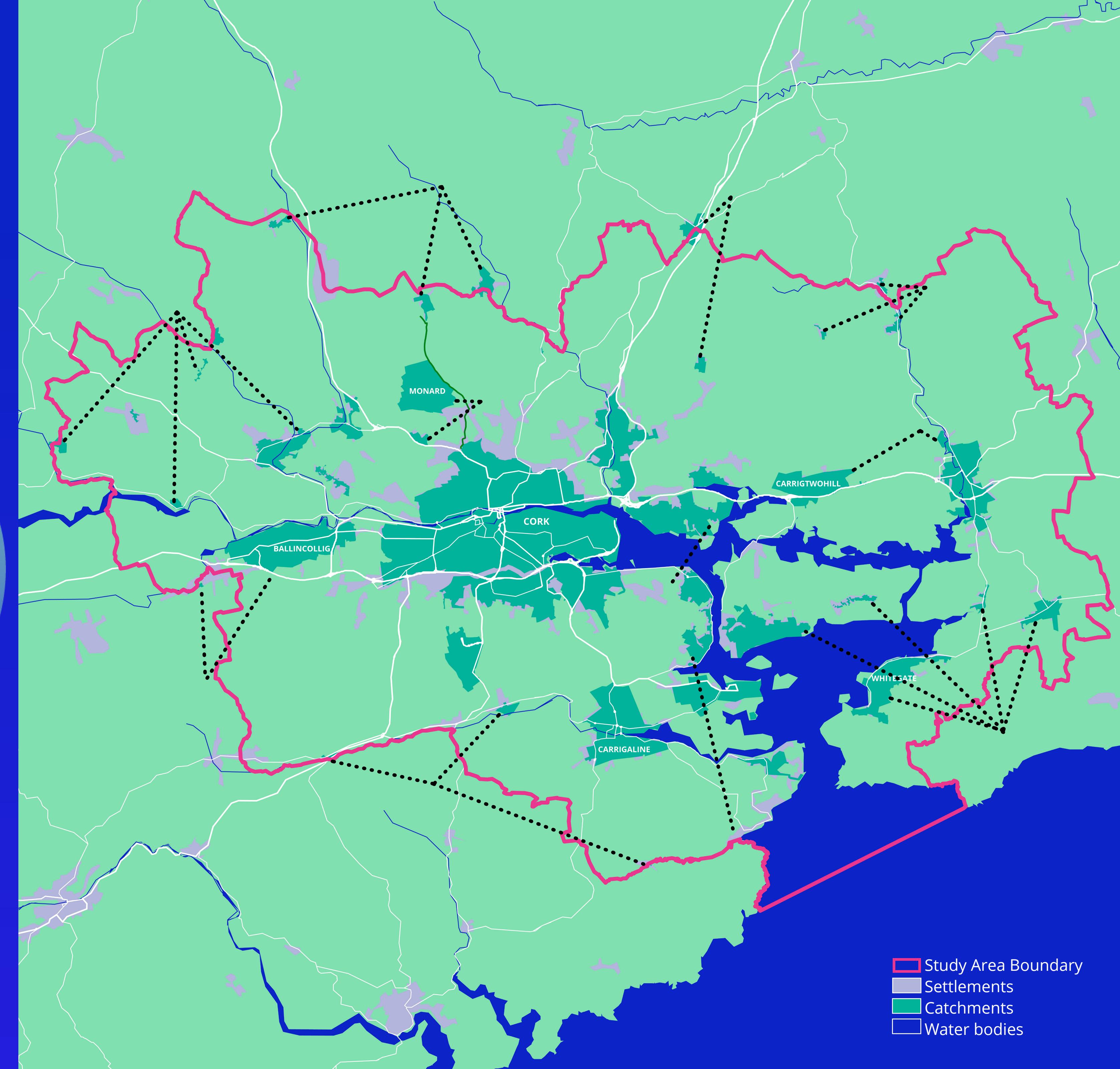


Cork Wastewater Strategy

The Draft Cork Wastewater Strategy assesses the existing wastewater treatment and network infrastructure in the Cork Metropolitan Area—which currently comprises 26 wastewater treatment plants, 193 pumping stations, 225 storm water overflows, and 1,300 km of pipeline—to determine the investments needed to support sustainable growth, climate resilience, and environmental protection through to 2080. It outlines preferred solutions to improve treatment capacity, drainage, and network performance, with projects prioritised across three planning horizons: short-term (2030), medium-term (2055), and long-term (2080).



Cork Wastewater Strategy

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

* Recommended initiation of capital interventions subject to Uisce Éireann's investment planning cycles where decisions are made in line with regulatory obligations, national priorities and funding availability

Wastewater Treatment Options

- Decommission Existing WwTP
- Optimise Existing WwTP
- Upgrade Existing WwTP
- Construct New WwTP
- New Final Effluent Outfall

Wastewater Transfer Line

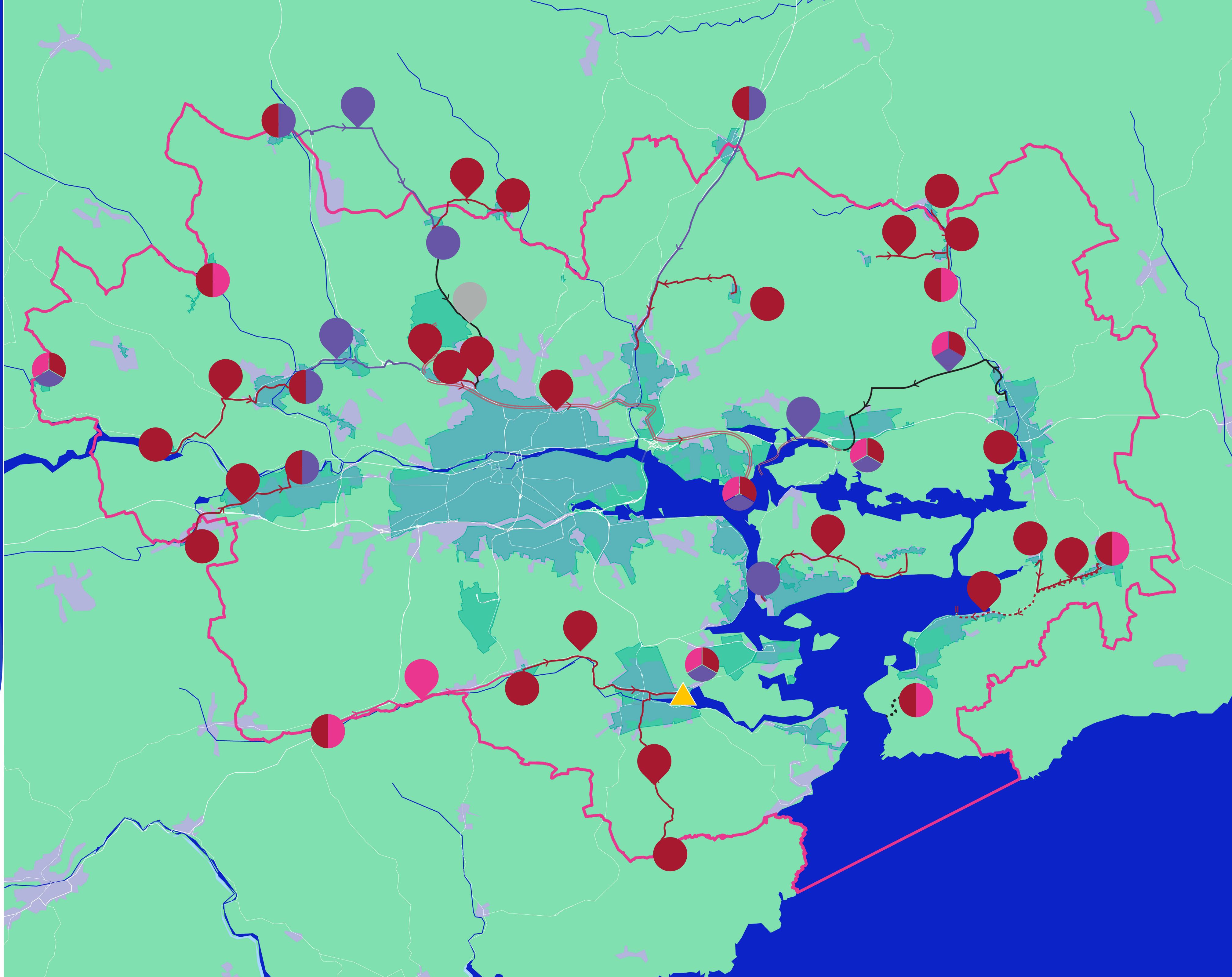
Final Effluent Transfer Line

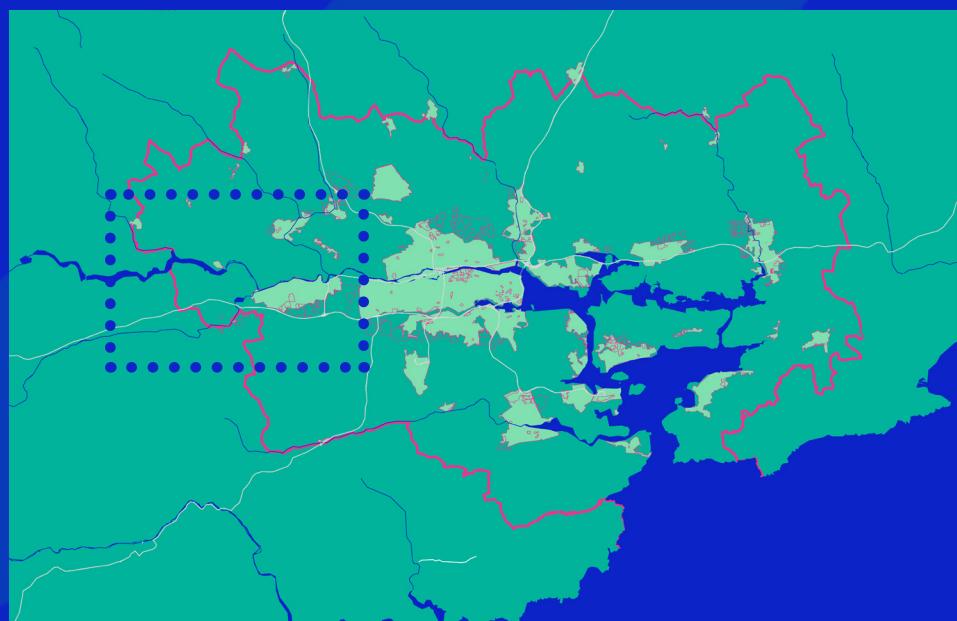
New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Blarney, Courtbrack, Dripsey and Inniscarra

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- New Final Effluent Outfall

Wastewater Transfer Line

Final Effluent Transfer Line

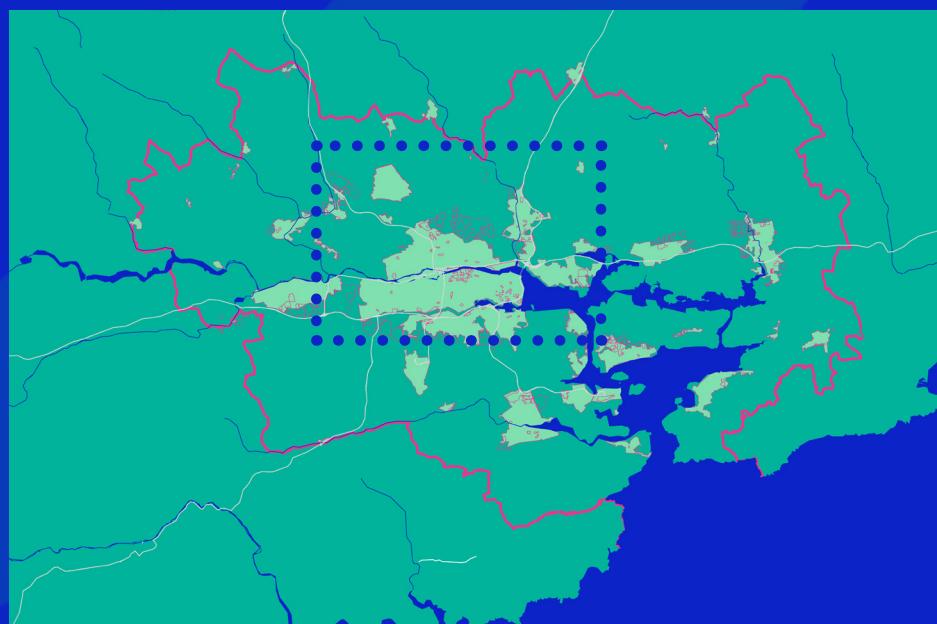
New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Kileens & Monard

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- Optimise Existing WwTP
- Upgrade Existing WwTP
- Construct New WwTP
- New Final Effluent Outfall

— Wastewater Transfer Line

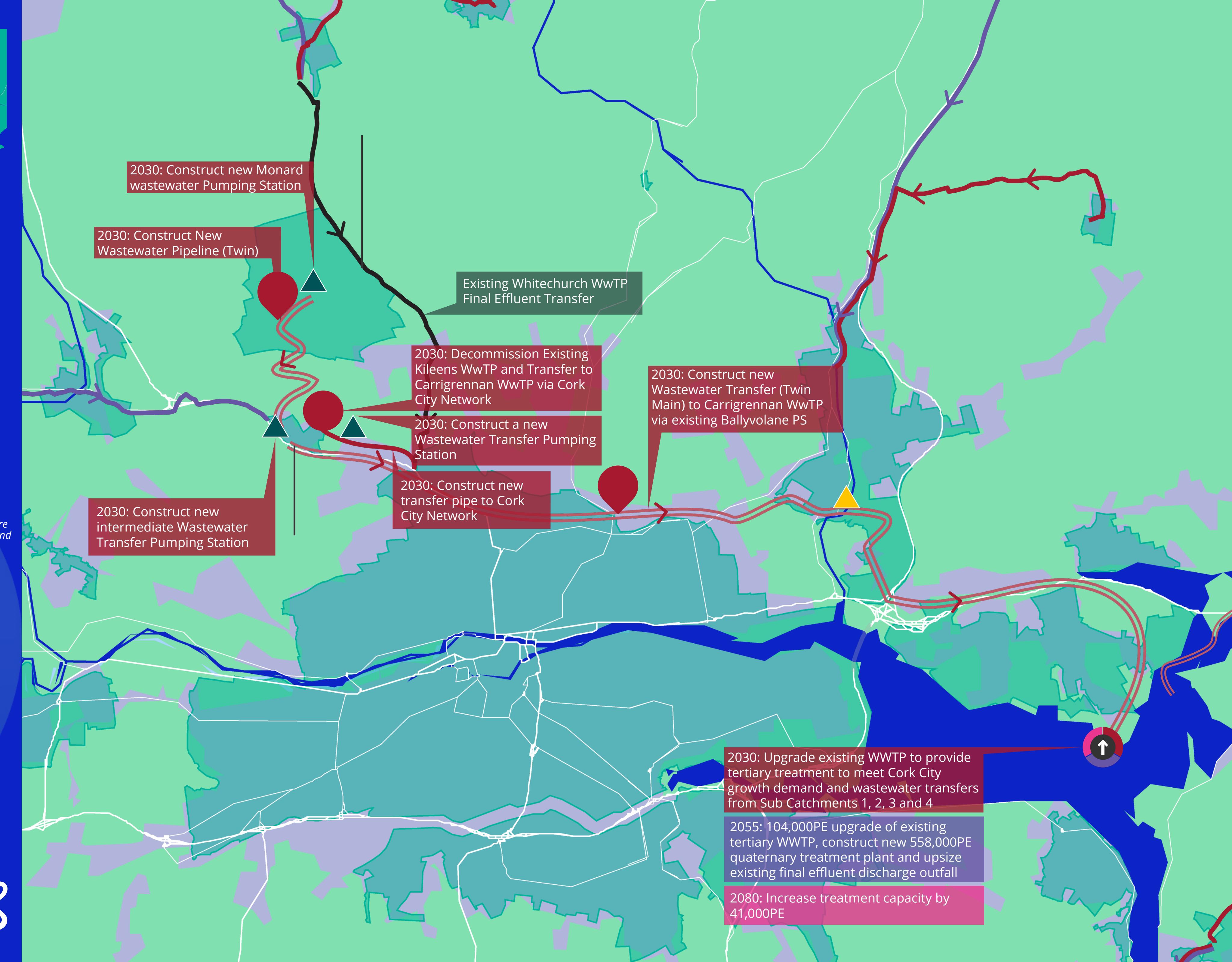
— Final Effluent Transfer Line

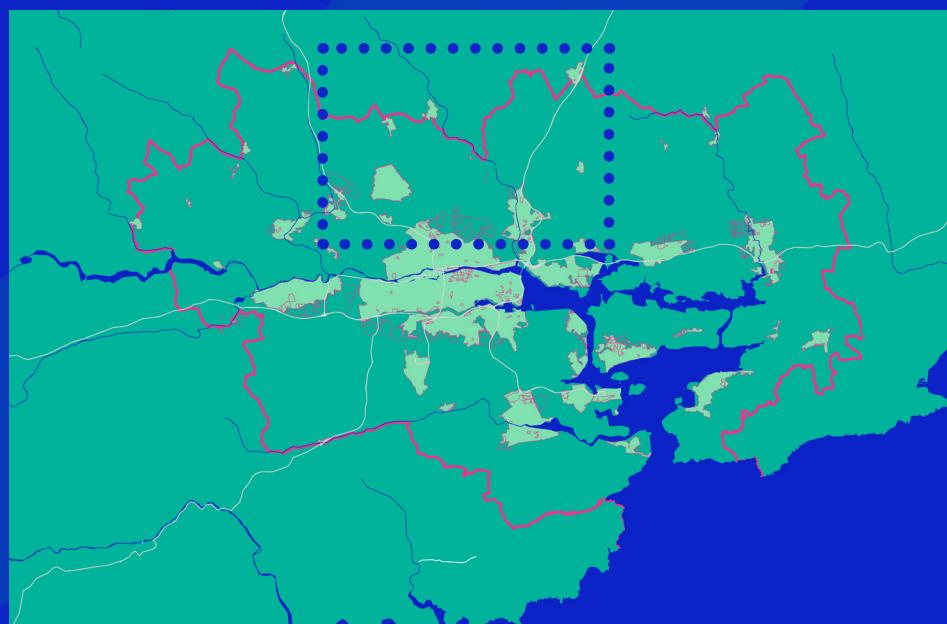
— New outfall

Proposed Pump Stations

- New
- Upgrade

① Population refers to Residential Population





Carrignavar, Grenagh & Whitechurch

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- Optimise Existing WwTP
- Upgrade Existing WwTP
- Construct New WwTP
- New Final Effluent Outfall

— Wastewater Transfer Line

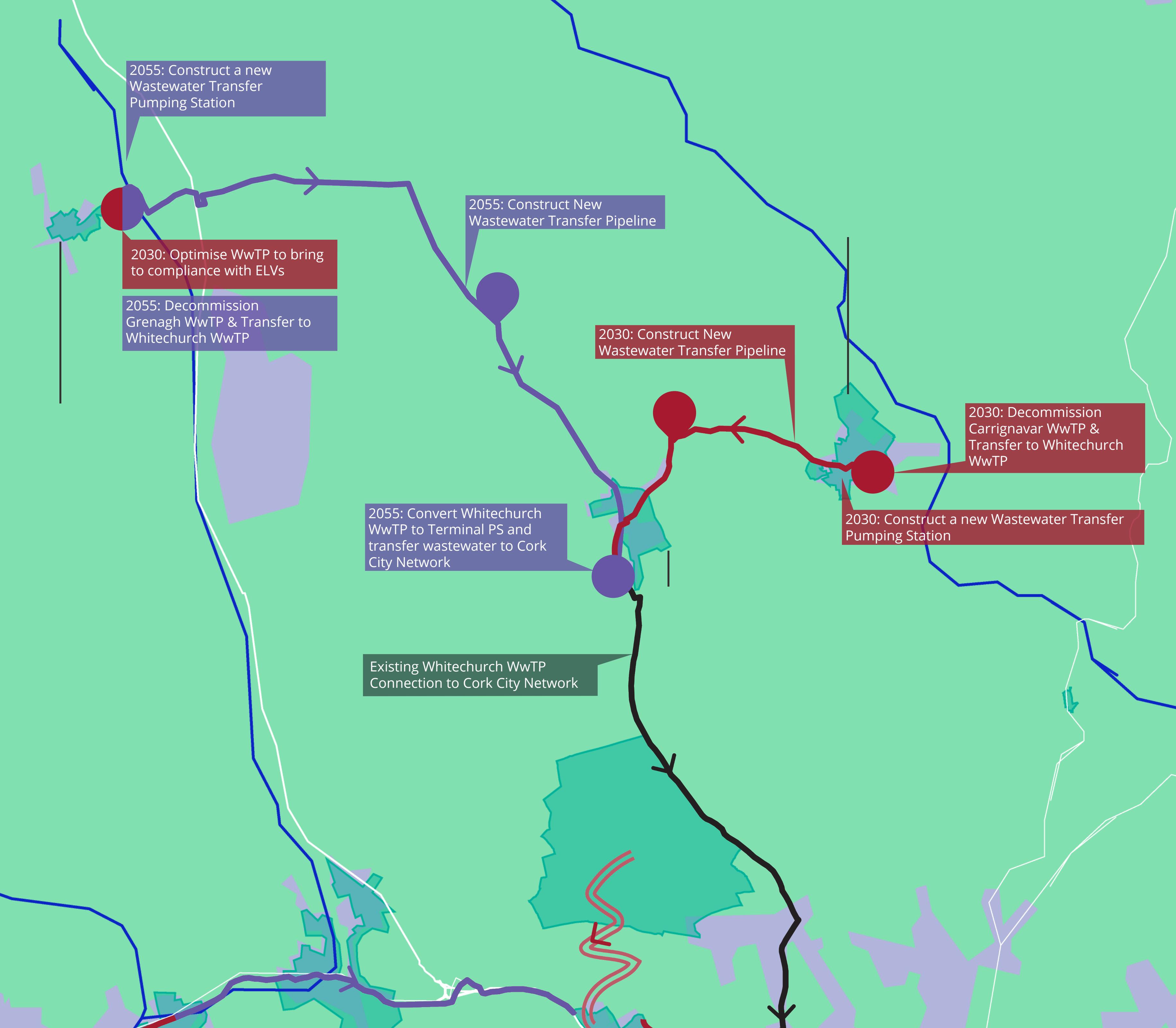
— Final Effluent Transfer Line

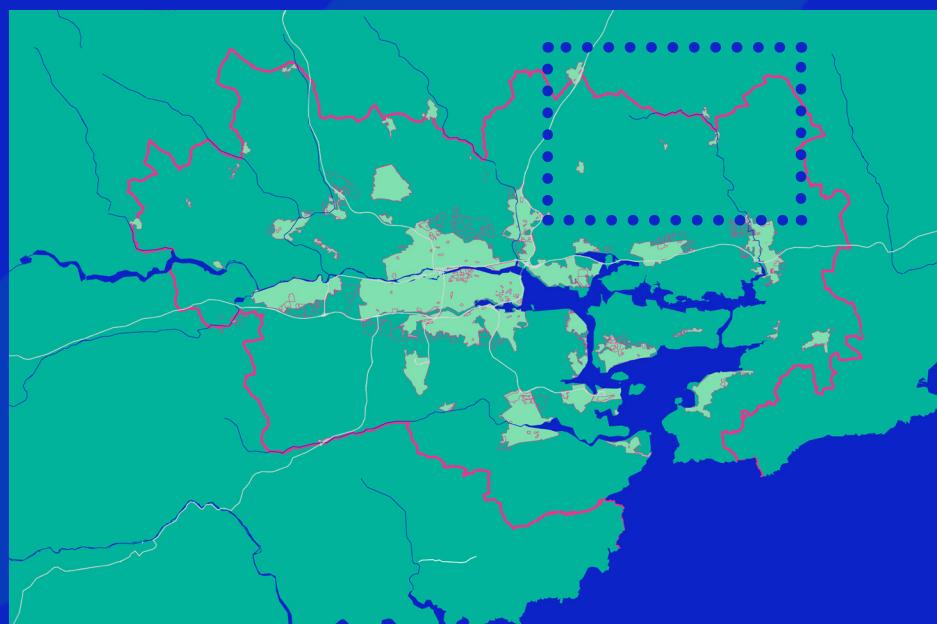
— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Knockraha & Watergrasshill

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- Optimise Existing WwTP
- Upgrade Existing WwTP
- Construct New WwTP
- New Final Effluent Outfall

— Wastewater Transfer Line

— Final Effluent Transfer Line

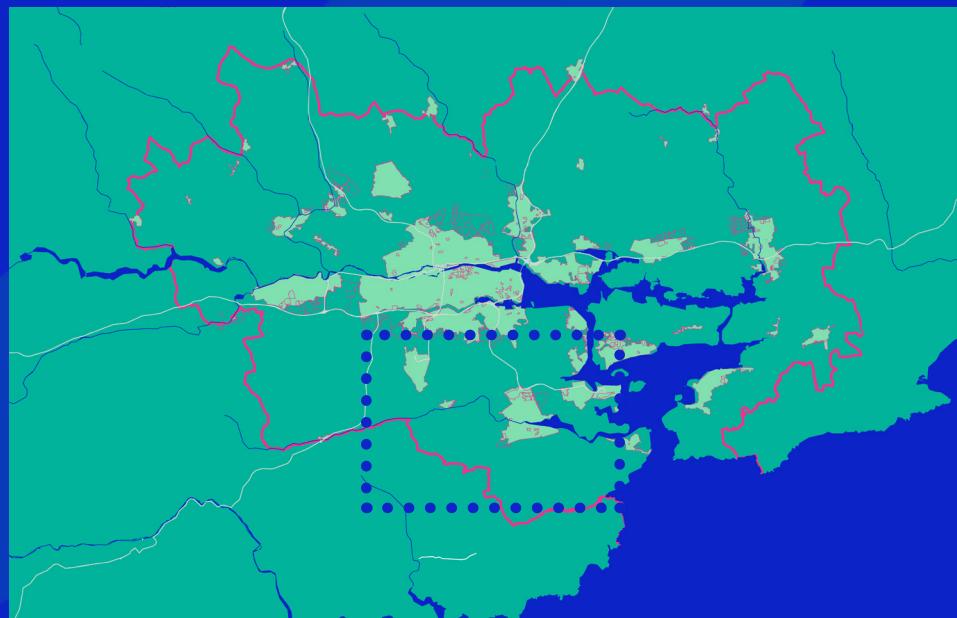
— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Ballygarvan, Halfway & Minane Bridge

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

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- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- New Final Effluent Outfall

— Wastewater Transfer Line

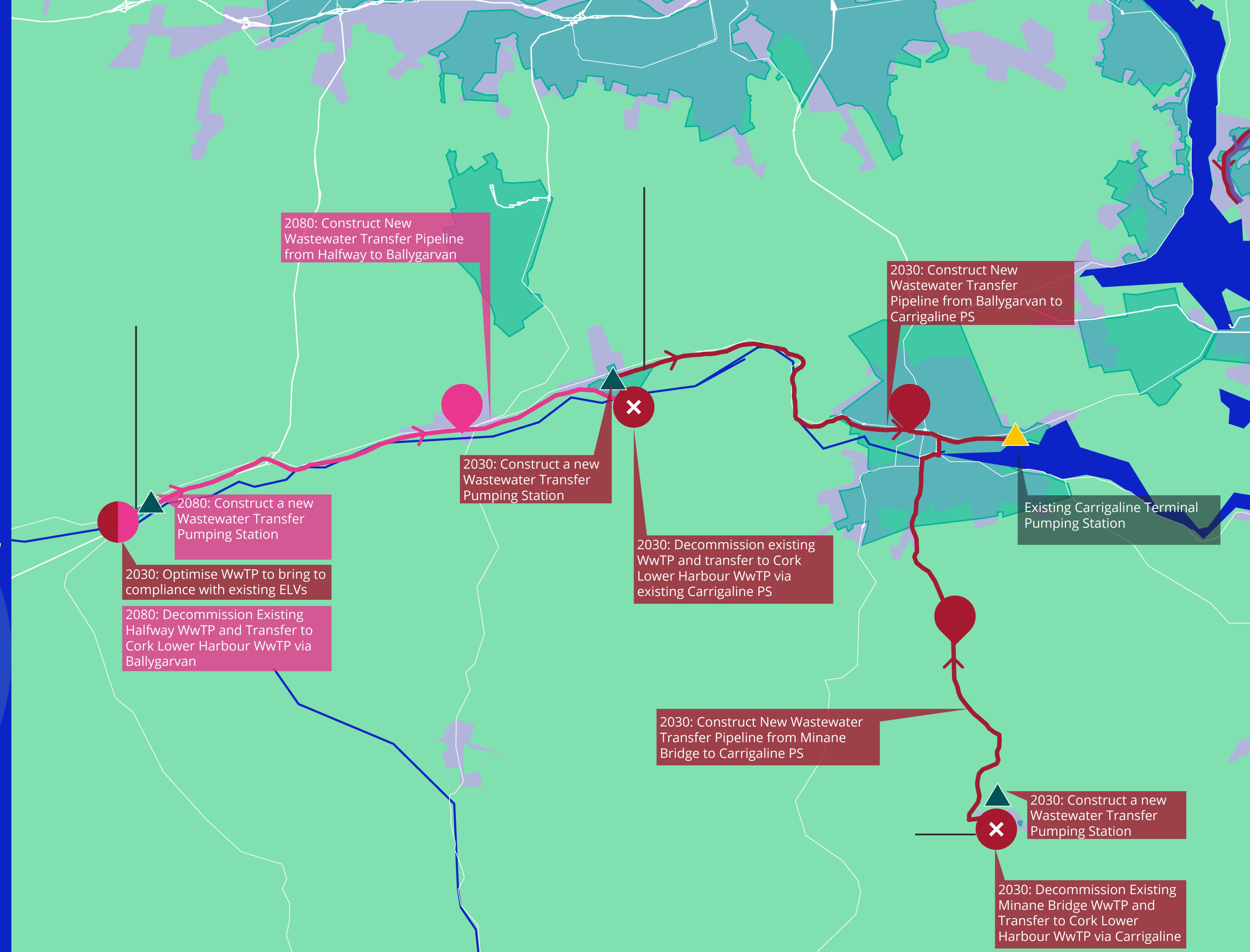
— Final Effluent Transfer Line

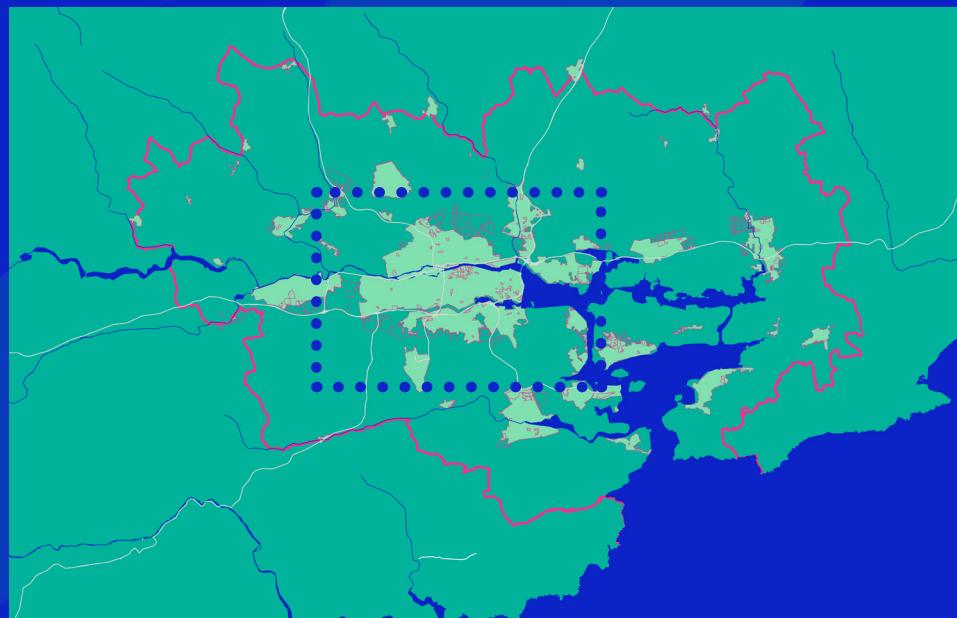
— New outfall

Proposed Pump Stations

- New
- Upgrade

① Population refers to Residential Population





Carrigrennan

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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Wastewater Treatment Options

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- Upgrade Existing WwTP
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— Wastewater Transfer Line

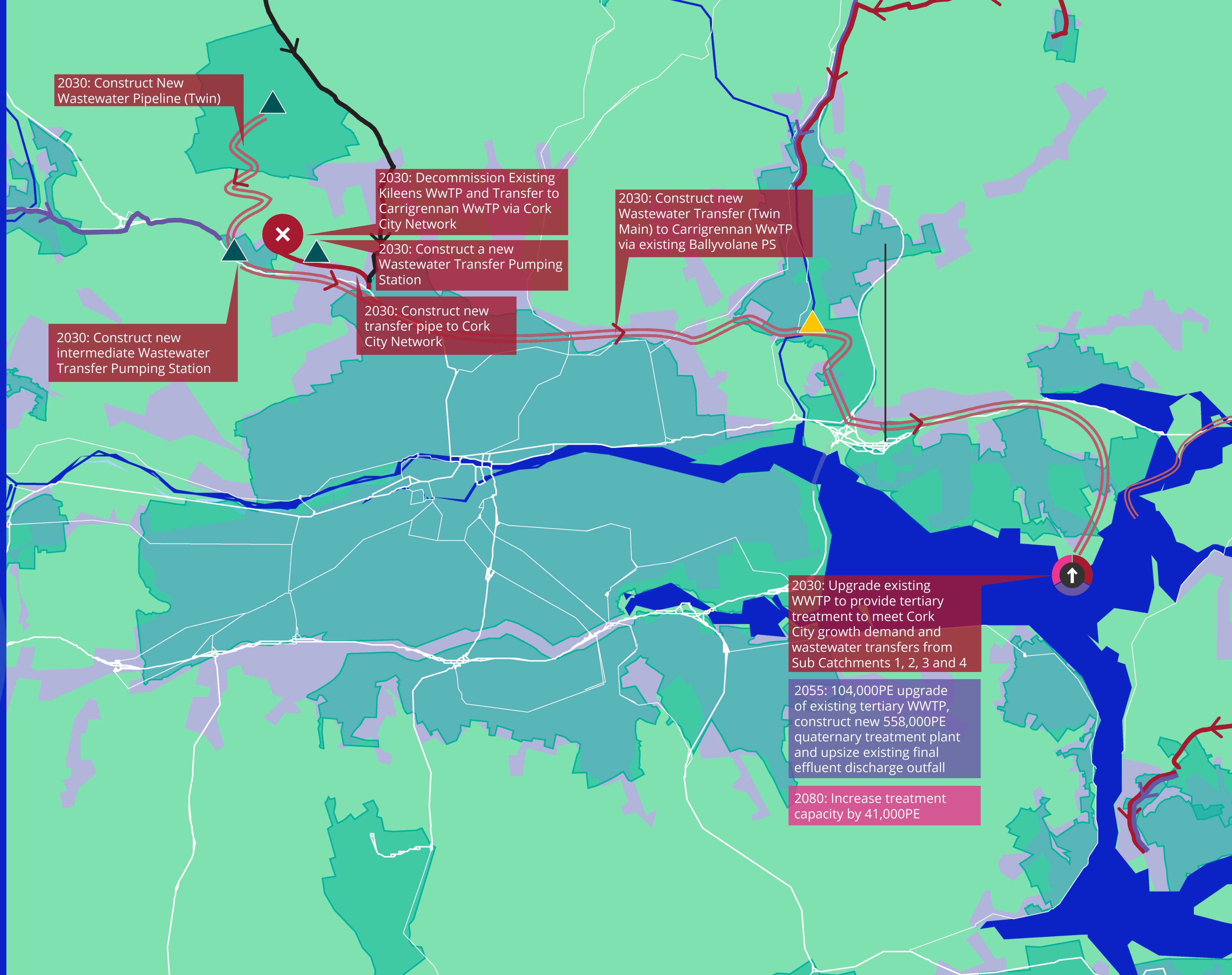
— Final Effluent Transfer Line

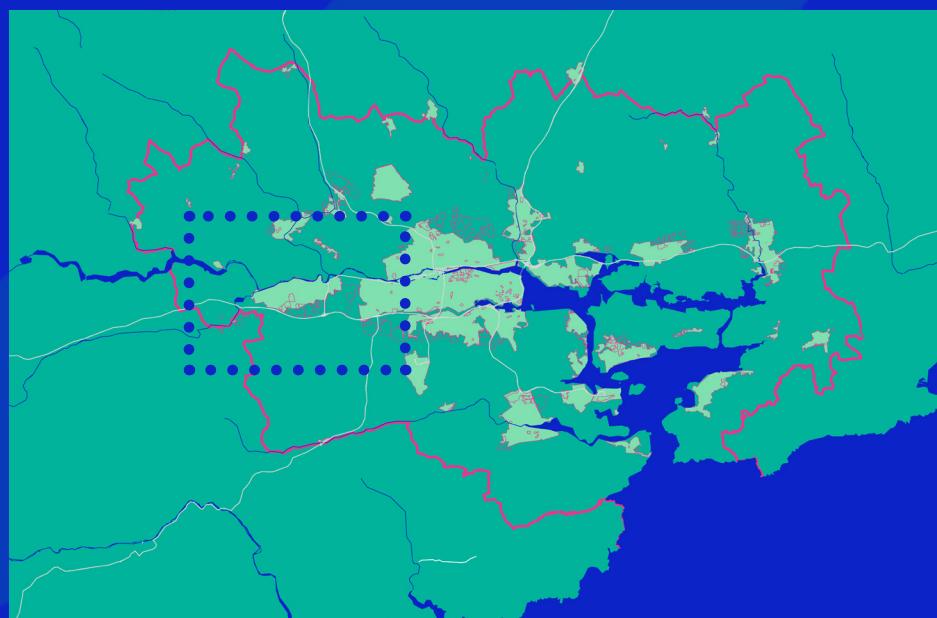
— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Ballincollig & Killumney

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

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- 2055 Recommended Approach
- 2080 Recommended Approach

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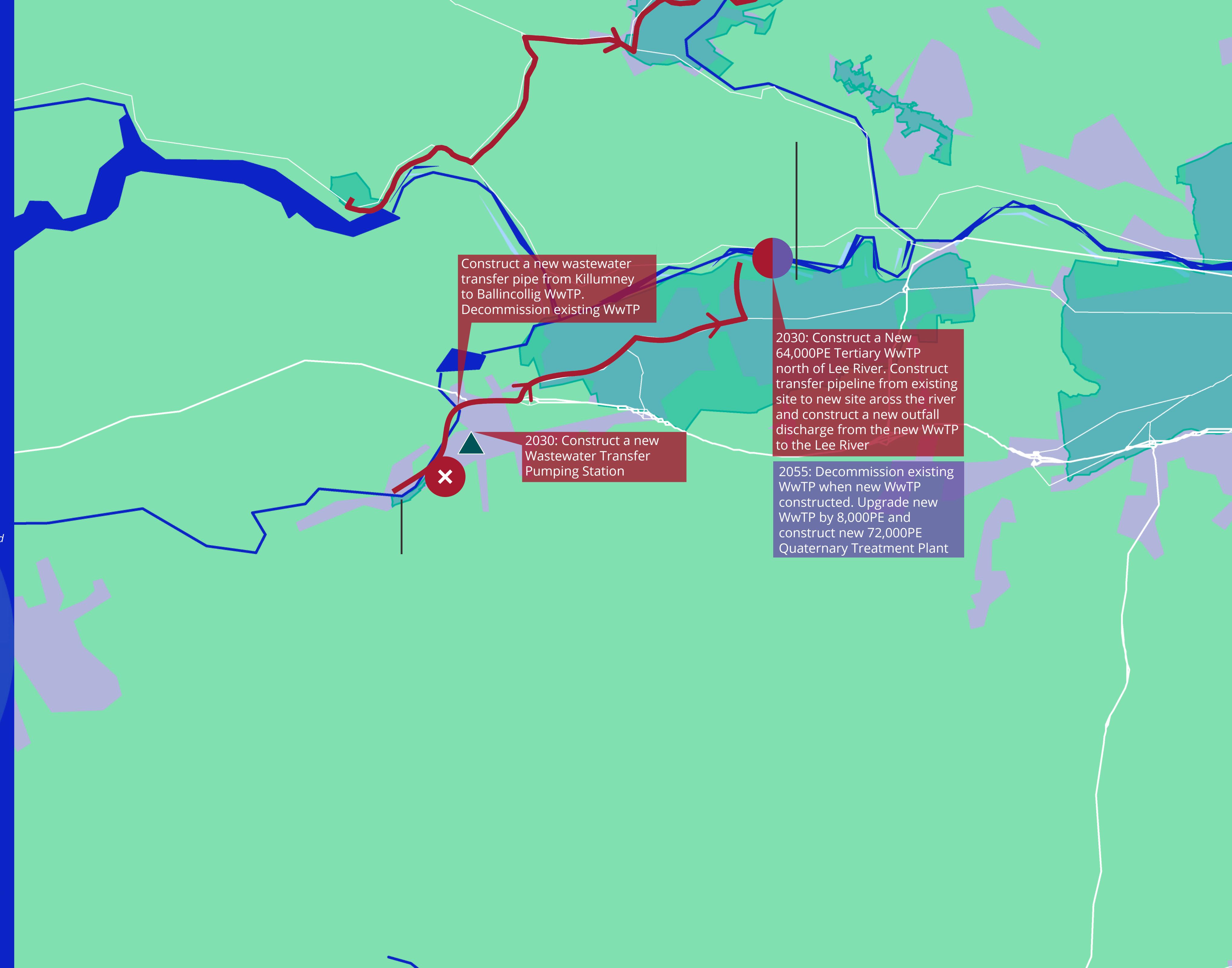
— — Final Effluent Transfer Line

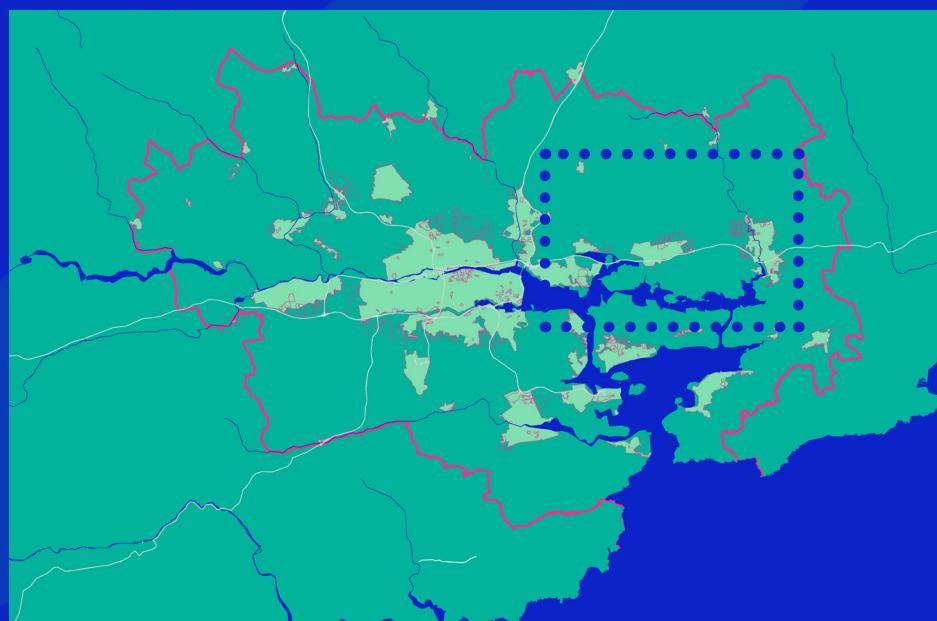
— — — New outfall

Proposed Pump Stations

- New
- Upgrade

① Population refers to Residential Population





Carrigtwohill & Midleton

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

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- 2055 Recommended Approach
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— Wastewater Transfer Line

— Final Effluent Transfer Line

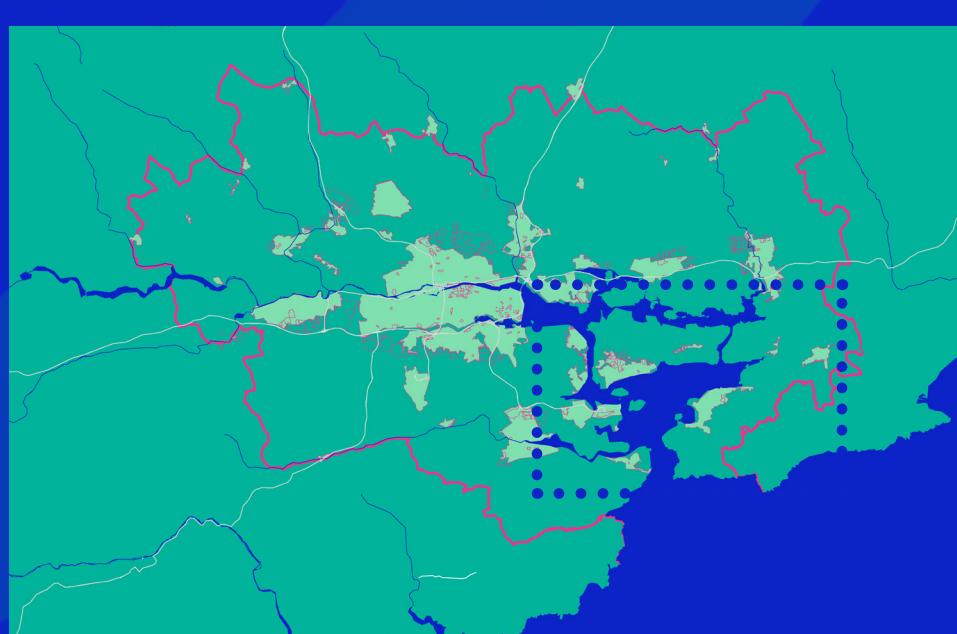
— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Ballymore, Cloyne, North-Cobh, Saleen, Whitegate-Aghada

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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— — Final Effluent Transfer Line

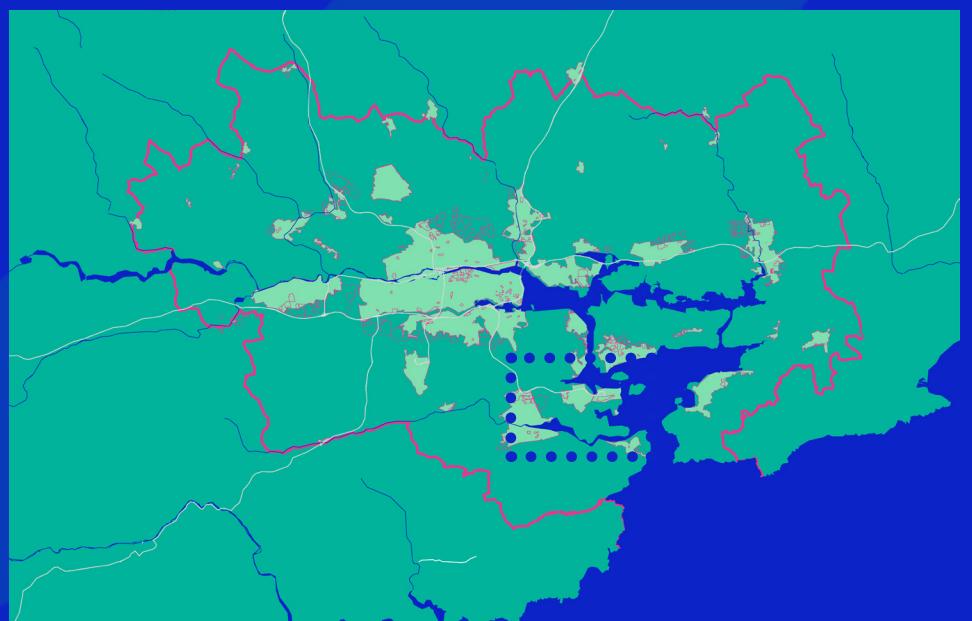
— = New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population





Cork Lower Harbour (Carrigaline, Cobh, Passage West)

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
- 2080 Recommended Approach

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— Wastewater Transfer Line

— Final Effluent Transfer Line

— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to
Residential Population

2030: 5,000PE upgrade of existing WwTP.
Install tertiary treatment requirements

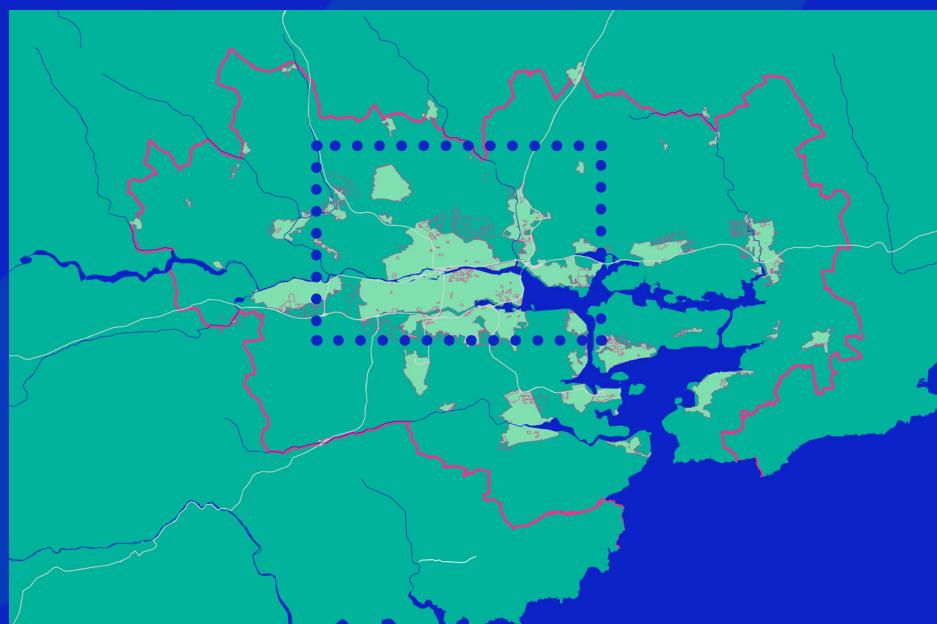
2055: 15,000PE upgrade of existing WwTP

2080: 13,000PE upgrade of existing WwTP
65,000PE WwTP capital replacement

2030: Construct New
Wastewater Transfer Pipeline

2055: Decommission existing
North Cobh WwTP and
connect to Cobh Wastewater
Network





Ballincurrig, Leamlara & Lisgoold

Legend

- Settlements
- Catchments
- Water bodies

Strategy dates*

- 2030 Recommended Approach
- 2055 Recommended Approach
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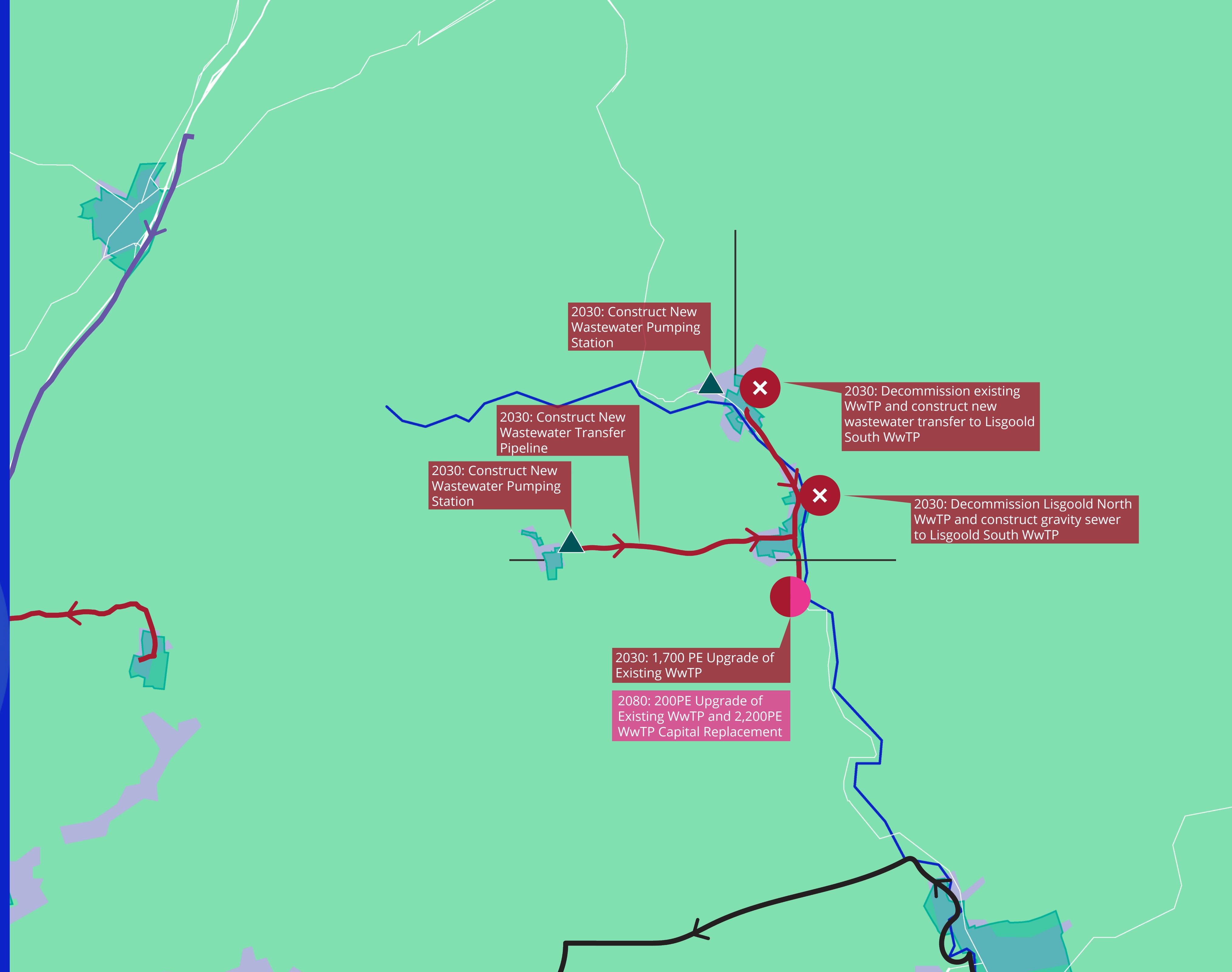
— Final Effluent Transfer Line

— New outfall

Proposed Pump Stations

- New
- Upgrade

Population refers to Residential Population



Appendix

Other options for the Cork Strategy