



Ringsend Wastewater Treatment Plant Upgrade Project Planning Application



TJ O'CONNOR
& ASSOCIATES
CONSULTING ENGINEERS

BARRY
& PARTNERS
consulting engineers

 **Royal
HaskoningDHV**
Enhancing Society Together

Planning Application Drawings

June 2018

List of Drawings

Ringsend Wastewater Treatment Plant

	Drawing Number	Description	Sheet Size
General Maps	Y15710-PL-900	General Site Location Plan	A1
	Y15710-PL-901	Site Layout showing Red Line Boundary with Compounds	A0
	Y15710-PL-902	Dublin Bay Conservation Designations - SAC	A1
	Y15710-PL-903	Dublin Bay Conservation Designations - SPA	A1
	Y15710-PL-904	Dublin Bay Conservation Designations - PNHA	A1
	Y15710-PL-905	Dublin Bay Bathing and Recreational Areas	A1
	Y15710-PL-906	Dublin Bay Water Framework Directive Categorisations	A1
	Y15710-PL-907	Conservation Designations UNESCO Biosphere	A1
	Y15710-PL-908	Conservation Designations National Monuments & Zones of Archaeological Potential	A1
Background Data	Y15710-PL-909		
	Y15710-PL-910	Existing WwTP Site Layout	A1
	Y15710-PL-911	Existing Utilities Networks	A1
	Y15710-PL-912	Existing Background Information of Buried Cross Site Pipework	A0
	Y15710-PL-913	Development 'As Consented' in 2012 (29N.YA0010) - Sheet 1 of 2	A1
	Y15710-PL-914	Development 'As Consented' in 2012 (29N.YA0010) - Sheet 2 of 2	A1
	Y15710-PL-915	Proposed Upgrade Project Site Plan – Sheet 1 of 2	A1
	Y15710-PL-916	Proposed Upgrade Project Site Plan – Sheet 2 of 2	A0
	Y15710-PL-917	Proposed Development Site Plan	A1
	Y15710-PL-918	Schematic of Liquid Stream and Sludge Stream	A1
	Y15710-PL-919	Proposed Landscape Plan	A0
	Y15710-PL-920	Odour Control Unit Locations at Existing WWTP	A1
Construction Schedule	Y15710-PL-921	Proposed Construction Schedule Overview	A1
	Y15710-PL-922	Proposed Construction Schedule - Sheet 1	A1
	Y15710-PL-923	Proposed Construction Schedule - Sheet 2	A1
	Y15710-PL-924	Proposed Construction Schedule - Sheet 3	A1
	Y15710-PL-925	SBR Retrofit - Existing GA of SBR Tanks - Plan at 8.00m AMD	A0
	Y15710-PL-926	SBR Retrofit - Existing GA of SBR Tanks - Plan at 14.60m AMD	A0
	Y15710-PL-927	SBR Retrofit - Existing GA of SBR Tanks - Plan at 24.30m AMD	A0
SBR Retrofit	Y15710-PL-928	SBR Retrofit - Existing SBR Tanks - Sections Sheet 1	A0
	Y15710-PL-929	SBR Retrofit - Existing SBR Tanks - Elevations and Sections Sheet 2	A0
	Y15710-PL-930	SBR Retrofit - Existing SBR Tanks - Elevations and Sections Sheet 3	A0
	Y15710-PL-931	SBR Retrofit - Proposed GA of SBR Tanks – Plan at 8.00m AMD	A0

	Drawing Number	Description	Sheet Size
	Y15710-PL-932	SBR Retrofit - Proposed GA of SBR Tanks – Plan at 14.60m AMD	A0
	Y15710-PL-933	SBR Retrofit - Proposed GA of SBR Tanks – Plan at 25.00m AMD	A0
	Y15710-PL-934	SBR Retrofit - Proposed Elevations and Sections Sheet 1	A0
	Y15710-PL-935	SBR Retrofit - Proposed Elevations and Sections Sheet 2	A0
	Y15710-PL-936	SBR Retrofit - 3D View of Proposed SBR, Air Blowers and ILPS	A0
	Y15710-PL-937	SBR Retrofit - Existing Intermediate Lift PS - Plans	A1
	Y15710-PL-938	SBR Retrofit - Existing Intermediate Lift PS - Sections	A1
	Y15710-PL-939	SBR Retrofit - Proposed Intermediate Lift PS - Plan	A1
	Y15710-PL-940	SBR Retrofit - Proposed Intermediate Lift PS – Sections	A1
Capacity Upgrade	Y15710-PL-941	Proposed Capacity Upgrade Expansion – Plan at 4.40m AMD and Section 1	A0
	Y15710-PL-942	Proposed Capacity Upgrade Expansion – Plan at 12.40m AMD and Section 2	A0
	Y15710-PL-943	Proposed Capacity Upgrade Expansion – Plan at 24.40m AMD	A0
	Y15710-PL-944	Proposed Capacity Upgrade Expansion – Elevations	A0
	Y15710-PL-945	Proposed Capacity Upgrade Expansion – 3D View	A0
	Y15710-PL-946	Proposed Capacity Upgrade Expansion - Expansion Lift Pump Station – Plan View	A1
	Y15710-PL-947	Proposed Capacity Upgrade Expansion - Expansion Lift Pump Station – Cross Sections	A1
	Y15710-PL-948	Proposed Capacity Upgrade Expansion - Expansion Lift Pump Station – Long Section	A1
	Y15710-PL-949	Proposed Capacity Upgrade Expansion - Expansion Lift Pump Station - Elevations	A1
	Y15710-PL-950	Proposed Diesel Bund Genset & Transformer Area	A0
P-Fixation	Y15710-PL-951	P-Fixation Plant – Site Location Plan	A1
	Y15710-PL-952	P-Fixation Plant – Plan and Section	A1
	Y15710-PL-953	P-Fixation Plant – Elevations	A1
Sludge	Y15710-PL-954	Sludge Digester – Plan, Elevation and Section	A1
	Y15710-PL-955	Pasteurisation Plant Building – Plan, Elevation and Section	A1
	Y15710-PL-956	Biogas Storage and Flare - Plan and Elevation	A1
Bypass + Screens	Y15710-PL-957	Effluent Fine Screens and Bypass Culvert – Indicative Plan and Sections	A1
	Y15710-PL-958	Effluent Fine Screens – Indicative Plan and Sections	A1
	Y15710-PL-959	UV Treatment Unit	A1
Compounds	Y15710-PL-960	Compound Site Locations	A1
	Y15710-PL-961	Compound Site C1 - Layout	A1
	Y15710-PL-962	Compound Site C2 - Layout	A1
	Y15710-PL-963	Compound Site C3 - Layout	A1
	Y15710-PL-964	Compound Site C2 - Entrance Sightlines and Autotrack Analysis	A1
	Y15710-PL-965	Compound Sites Fencing and Gate Details	A1
Construction	Y15710-PL-966	New Construction Access – Site Location and Layout	A1
	Y15710-PL-967	New Construction Access – Site Layout - Sheet 1 of 2	A1

	Drawing Number	Description	Sheet Size
	Y15710-PL-968	New Construction Access – Site Layout - Sheet 2 of 2	A1
	Y15710-PL-969	New Construction Access – Signage and Sightlines Junction Visibility Splay – Layout Plan	A1
	Y15710-PL-970	New Construction Access – Junction Visibility Sections	A1
	Y15710-PL-971	New Construction Access – Junction Autotrack Analysis	A1
	Y15710-PL-972	New Construction Access – ESB HV and Gas Services in Vicinity of Works	A1
	Y15710-PL-973	New Construction Access – Proposed Site Boundary Fenceline	A1
	Y15710-PL-974	New Construction Access – Proposed Site Haul Road – Plan & Profile	A1
	Y15710-PL-975	New Construction Access – Proposed Site Access Road – Plan & Profile	A1
	Y15710-PL-976	New Construction Access – Proposed Haul Road - Sections	A1
	Y15710-PL-977	New Construction Access – Proposed Site Access Road - Sections	A1

List of Drawings

Regional Biosolids Storage Facility

	Drawing Number	Description	Sheet Size
Regional Biosolids Storage Facility	Y17702-PL-001	General Site Location Plan	A1
	Y17702-PL-002	Site Location Map	A1
	Y17702-PL-003	Existing Site Layout	A0
	Y17702-PL-004	Proposed Site Layout	A0
	Y17702-PL-005	Existing Buildings to be Demolished - Elevations and Plans	A0
	Y17702-PL-006	Proposed Ancillary Buildings - Elevations, Plans and Typical Cross Sections	A0
	Y17702-PL-007	Storage Building A - Roof Plan and Elevations	A0
	Y17702-PL-008	Storage Building A – Plans and Cross Sections	A0
	Y17702-PL-009	Storage Building B - Roof Plan and Elevations	A0
	Y17702-PL-010	Storage Building B – Plans and Cross Sections	A0
	Y17702-PL-011	Landscape Layout	A0
	Y17702-PL-012	Continuous Elevations	A1
	Y17702-PL-013	Proposed Road Layout and Markings	A0
	Y17702-PL-014	Junction Layout, Lamp Standard and Typical Road Details	A1
	Y17702-PL-015	Surface Water Drainage Layout	A0
	Y17702-PL-016	Surface Water Drainage Typical Details	A1
	Y17702-PL-017	Foul Drainage Layout	A0
	Y17702-PL-018	Existing Foul Pumping Station - Plans and Section	A1
	Y17702-PL-019	Manhole, Trench Backfill and Bedding - Typical Details	A1
	Y17702-PL-020	Watermain Layout	A0
	Y17702-PL-021	Watermain Typical Details	A0
	Y17702-PL-022	Odour Control Unit - Plan and Elevation	A1
	Y17702-PL-023	Electricity and External Lighting Layout	A0
	Y17702-PL-024	Site Development Details	A1
	Y17702-PL-025	Weighbridge Details and ME Control Building	A1
	Y17702-PL-026	Construction and Permanent Information Sign	A1
	Y17702-PL-027	Proposed Site Layout Overlaid with Services	A0



TJ O'CONNOR
& ASSOCIATES
CONSULTING ENGINEERS

BARRY
& PARTNERS
consulting engineers

 **Royal
HaskoningDHV**
Enhancing Society Together