

Paragon Construction

Water Engineering Specialists

Paragon Risk Engineering specialises in providing risk engineering services relevant to the Water and Waste Industry. We offer a wealth of experience and expertise in this field.

Specialist Areas

Paragon Risk Engineering – Specialist Experience and Expertise

Regulated Water Industry Knowledge

First hand experience working in the Regulated UK Water Industry. Experience of delivering many UK AMP capital investment programmes . A thorough understanding of all aspects associated with delivering water cycle assets and services. Global water industry knowledge.

Water/Wastewater Treatment



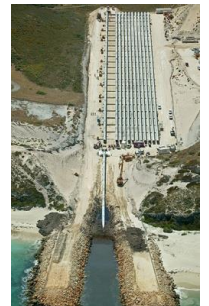
Specialist expertise in the design & construction of water and wastewater treatment facilities including conventional and innovative treatment processes. Expertise in treatment works hydraulics and a working knowledge of process design and process unit structural design.

Pipelines, Sewers and Outfalls

Experience in the design & construction of: rising mains, pressurised/gravity pipelines and sewers; dredged and drilled outfalls; hydraulic and structural design of pipelines and pipe networks; large diameter, deep open cut pipelines; pipejacks, augerbores, directional drilling and tunnels; shafts/cofferdams; high lift pumping stations; CSOs and vortex drops.

Sea Defences and Flood Alleviation

Expertise in the design & construction of permanent and temporary flood/sea defence structures including: rock/revetment armoured embankments; concrete/stone clad walls and sheet piled walls; piled and reinforced concrete harbour walls.



Sludge Treatment & Waste to Energy



Expertise in the design & construction of anaerobic sludge and green waste digestion; methane gas to electricity conversion; sludge thickening/ dewatering; sludge storage/disposal.

Asset Management

Lifecycle asset management expertise including identification of needs, scoping, prioritisation, feasibility, cost benefit analysis, design, value & risk management, construction, commissioning, operation and maintenance.

For further information contact:

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