



Environmental Services Capability Statement

Community Development

We design with **community** in mind

Communities are fundamental. Whether around the corner or across the globe, they provide a foundation, a sense of place and of belonging. That's why at Stantec, we always design with community in mind.

We care about the communities we serve—because they're our communities too. We're designers, engineers, scientists, and project managers, innovating together at the intersection of community, creativity, and client relationships. Balancing these priorities results in projects that advance the quality of life in communities across the globe.

Our environmental consultants work closely alongside our planners, engineers and economists to integrate environmental considerations in to all stages of the design process. Such an approach reduces costs and complexities, and helps unlock award winning environments. This allows fantastic environmental outcomes that add value to our clients, whilst delivering lasting benefits for our communities.

We are thought leaders who help to shape the environmental and sustainability agenda. We utilise this cutting edge thinking in our projects to set and deliver ambitious strategies. We use technology to support our thinking and to

maximise efficiencies, collaborate and support out focus on delivering for our communities.

We utilise our offices across the UK to truly understand our local markets and enable strong relationships with key stakeholders. We are embedded in the growth aspirations of these communities, helping to shape, plan and deliver the infrastructure and development to meet strategic and local needs.

Stantec is continuing to grow in the UK, allowing us to offer a broader set of services to our clients and even better career development for our people.



Sectors and services

With offices across the UK, Stantec has a strong reputation for its work with public and private sector clients on a diverse range of high-profile projects. We have worked on some of the country's most notable land development, regeneration, transport, energy, water, waste and minerals schemes.

The spread of our offices provides us with exceptional insights into our local markets. We utilise our local knowledge and relationships to provide the foundation for successfully addressing challenges to unlock development.

Our team provides advice on all aspects of the environment including:

- Environmental assessment and management – EIA, environmental permitting, air quality, acoustics, ecology, energy services, landscape and visual, lighting, and waste and resource management.
- Ground engineering - geotechnical, geohazards, instability, land contamination and hydrogeology.
- Flood risk and water management - flood risk assessment, flood alleviation, lakes and reservoirs, surface water management, consenting and permitting, restoration and flood defences.
- Communities – impacts on factors that affect people including changes to climate, sustainability, health, wellbeing and equalities, and socio-economic opportunity.

- Geographic data analytics capability maximising the value of environmental, social and economic data to enable faster and more informed decisions.

We work throughout the development process, from tailored due diligence and site finding, land promotion and appraisal, detailed assessment and design work for planning, through to detailed design, construction and long-term management. We also help clients maximise the value of their operational assets, whether that relates to energy management, community value or biodiversity.

“Stantec are a highly professional and knowledgeable team of consultants, with a wide range of expertise; they continue to provide a high quality, flexible and collaborative service.”

Lisa Broom, Homes England



Green Park, Reading

Our approach

Coordinating and communicating all environmental aspects of a project is a critical activity in its own right and key to promoting the synergies that create lasting value for our clients.

This approach has seen Stantec's environmental consultancy advice successfully guide challenging and high profile development and infrastructure projects from inception to successful delivery.

Our work is informed by an in-depth understanding of the inter-related legal, planning and environmental complexities, as well as design, community and viability considerations, which all need to be addressed to minimise risk and secure deliverable consents for major developments.

We adopt a client-centred approach to steer complex developments through consenting and delivery in the simplest way possible. We provide advice and technical expertise throughout the process, providing practical solutions and design advice to genuine problems, and guidance to help enhance the environmental, social and economic benefits generated by a project to deliver sustainable outcomes.

Our team are well versed in responding to emerging environmental issues and helping our clients navigate and apply new legislation, policy and technologies to create compliant developments that are fit for purpose and the future needs of their users.

We are also helping to shape policy and practice through roles on IEMA Steering Groups and the CIEEM Strategic Policy Panel, and are helping to drive the environmental agenda through convening events with bodies such as IEMA, CIEEM, LI and the RTPi.



"This is just to say a HUGE HUGE thank you to you all for your support in getting us to an Outline Permission on our site in Biggleswade in the last few weeks. We couldn't have done it without you all, and I am very very grateful for your support. You have been wonderful."

Jackie Sadek, Chief Operating Officer of UK Regeneration following securing planning permission for 1,500 homes

Example projects

Beam Park, London

We provided environmental, planning and transport advice to help Countryside Properties and L&Q secure planning permission for the redevelopment of the former Ford Motor Works site at Beam Park. This Greater London Authority site spans the London Boroughs of Havering and Barking & Dagenham.

Leading the EIA, we have led the team to overcome significant environmental challenges at the site. This included extensive remediation requirements, managing flood risk, responding to noise from the train line to the south of the site and the extensive utilities infrastructure under the site. Our technical work helped unlock the delivery of a new railway station as well as wider sustainable travel strategy. We're currently supporting the implementation of the development, and securing further planning permissions to maximise the benefits that can be delivered by this strategic site

"Stantec has provided us with environmental and transport advice to Beam Park from the outset. They combine strategic thinking and practical delivery, and have been instrumental in helping us pick through the challenges associated with a development that will deliver 3,000 homes, two schools, a new railway station, medical centre, two energy centres and supporting commercial/ community facilities."

Andreas Vassiliou, Associate Director, Countryside Properties



Gravity (formerly Royal Ordnance Factory Puriton), Somerset

We supported BAE at ROF Puriton since the site was identified as redundant in 2006 through to its sale to Salamanca Group in 2017.

Our environmental, transport and engineering support helped the site's allocation in local planning policy and formulation of a site-specific SPD, leading to securing planning permission for an energy park providing 5,000 new jobs.

We helped address key risks throughout the project including addressing significant access constraints, setting a flexible grid connection strategy that responded to the constraints posed by Hinkley C and formulating a drainage strategy that addressed the risk of flood and contamination that results from the site's history as an ordnance factory.

We're currently supporting Salamanca Group on the delivery of the site as a strategic new live-work-play development for the South West.

"Stantec have been involved in this significant project for many years, and we were fortunate in be able to call upon their significant technical resources and strategic understand of the complexities involved. We have enjoyed working with them and their involvement has helped the project progress to this significant milestone (resolution to grant planning permission)."

Rick Boucher, Real Estate Manager, BAE Systems



Alconbury Weald, Huntingdonshire

We were instrumental, through the provision of a broad range of environmental and sustainability services, in helping our client (Urban & Civic) secure planning consent for the 575-hectare mixed-use Enterprise Zone development on an old airfield site, Alconbury Weald, with Highways England describing the extent of the pre-application consultation and liaison by Stantec as “exemplary”. The development will provide 5,000 new homes, as well as 290,000 m² of employment space, educational facilities and accompanying public realm, and further community facilities.

We also contributed to the successful implementation of the key phase 1 residential development. Part of Stantec’s role has been to provide detailed design of causeway retaining walls located in a prominent position within the public realm of the development.



“Stantec’s work on Alconbury Weald has been outstanding from helping us secure planning consent through to the successful execution of Phase 1. We are continually impressed by the high quality of their work and the trusted advice they give.”

Gary Ridgewell, Urban and Civic

Aylesbury Woodland, Buckinghamshire

We have provided a comprehensive range of environmental services to Buckinghamshire Advantage from initial preliminary technical and planning advice through to an outline planning application to take forward this 220-hectare site. The development will deliver 100,000 m² of employment space, 1,100 homes, a wide range of new community facilities and a new link road.

One of the main challenges was the existing flood risk to the site, with Bear Brook and tributaries flowing through the site and the Grand Union

Canal to the north of the site at a higher elevation. We developed a flood risk mitigation scheme to accommodate the development and in particular the link road that crosses the watercourses to connect into the wider transport network. Crucially, we were also able to agree with the Environment Agency that the flood zones post construction of the link road could form the basis of the wider planning application, the sequential test and the design of further mitigation measures as required.

Beaconsfield Eastern Relief Road, Buckinghamshire

We were commissioned by Balfour Beatty on behalf of Buckinghamshire County Council to provide support on the detailed design of a new £5.5m road to the east of Beaconsfield. This has included: identifying most practical and cost-effective solutions to solve the environmental issues identified; to provide support and advice regarding amendments required to the planning consent, through a Section 73 application; and to provide outputs based on the detailed design to discharge relevant conditions.

A key element of our support was the extensive collaboration between our ecologists, arboricultural consultants, engineers (civils,

drainage and lighting), “landscape architects and the councils’ advisors to ensure the most practical and cost-effective environmental solutions were also best for the scheme as a whole.

“Against sometimes seemingly insurmountable challenges they have been innovative, collaborative, responsible and professional in their efforts to secure the best outcome for the project. I cannot recommend the Stantec Ecology Team warmly enough.”

Ulrika Diallo, Lead Officer Buckinghamshire

Scottish Marine Technology Park, Old Kilpatrick – Malin Group Properties Ltd

Stantec is supporting Malin Group in the remediation and redevelopment of the former Carless Oil Terminal at Old Kilpatrick to create the Scottish Marine Technology Park. Environmental sensitivities include proximity to SPA, SSSI & Ramsar designations, flood risk areas, significant historic hydrocarbon contamination, proximity to Grade A listed structures and adjacent industrial users.

To date, Stantec has provided consenting advice and carried out an EIA and HRA for the proposed marine fabrication complex and heavy lift quay on the site. The EIA was prepared to support concurrent planning and marine licence applications for the project (submitted March 2019). We also prepared a separate major planning application for remediation works, which was approved in April 2019.

“Stantec has been instrumental in helping us navigate the environmental issues associated with getting the early phases of the Scottish Marine Technology Park through the planning process.”

John MacSween, MD, Malin Group



Millbrook Power Project, Bedfordshire

We have recently supported Millbrook Power Ltd. with securing a Development Consent Order Application for the Millbrook Power Project. The Project comprises a 299MWe gas fired peaking power plant and associated high pressure gas connection and 400KV underground electrical connection.

Stantec has been involved from the early stages of the project and assisted in assessing the initial feasibility of the site. We then

managed all pre-examination planning and environmental work. This included liaison with the Planning Inspectorate and Local Authorities, and other statutory consultees, management and preparation of the Planning Statement, Environmental Statement and Consultation Report and management of statutory and non-statutory consultation phases.

Following consent, we have been retained to manage the discharge of all DCO Requirements.



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