

# A water-wise community



OTTERPOOL PARK  
COUNTRYSIDE · CONNECTED · CREATIVE

## Water supply

Water consumption at Otterpool Park will be carefully managed. Water-efficient fittings and water recycling will help with this.

Affinity Water has confirmed there is capacity to supply water to the first 1,500 homes.

The existing water mains will be upgraded around five years after construction starts to ensure sufficient water pressure, with a new pipeline from Paddlesworth Reservoir.

## Wastewater at Otterpool Park

Wastewater will be treated at an on-site treatment works and output into the River Stour East.

Sustainable urban drainage systems and multi-functional green space will also help manage surface water. Reedbed wetlands will also be created and used to filter wastewater further. Our approach achieves nutrient neutrality and places Otterpool Park at the forefront of wastewater innovation.

## How we will manage surface water:

- Blue and green infrastructure to avoid and minimise impact to existing surface water bodies
- Incorporating SuDs into design of blue-green infrastructure
- Surface water management through green roofs, rain gardens, permeable paving and soakaways
- Development-free corridors 15m alongside each bank for existing rivers and lakes
- Minimum of 25m development-free corridor along the East Stour
- Water efficient measures during construction like rainwater harvesting for use in construction facilities

**Our outline planning application takes into account extensive environmental assessment and consultation comments from statutory consultees and the public, including KCC, Environment Agency and local councils.**

## What are the benefits of sustainable drainage systems?

- Reducing risk of flooding
- Managing water quality
- Improving biodiversity by creating areas for wildlife
- Providing water resources e.g. repurposing rainwater
- Providing attractive open spaces that can be used by the community

