



# Blackstone Wastewater Treatment Works - Proposed Motor Control Centre (MCC) Kiosk

## Water Neutrality Statement

Planning Portal Reference:  
PP-12710037

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### Issue and Revision Record

Revision	Date	Originator	Checker	Approver
1.0	05/02/2024	Phil Jameson	David Mathews	Cecile Stanford



## 1. Introduction

Southern Water is required to make improvements to its Blackstone Wastewater Treatment Works (WTW). The application site is located within the Sussex North Water Supply Zone, which includes supplies from groundwater abstraction. In October 2021 Natural England published a Position Statement outlining that "...it cannot be concluded that the existing abstraction within Sussex North Water Supply Zone is not having an impact on the Arun Valley...", and that "...developments within this zone must not add to this impact..."

One mechanism of demonstrating that a development is not adding to the potential impact of groundwater abstraction within the Sussex North Water Supply Zone is to demonstrate Water Neutrality. The definition of Water Neutrality, being "...the use of water in the supply area before the development is the same or lower after the development is in place."

This Water Neutrality Statement seeks to demonstrate that the proposed development at Blackstone WTW imposes no greater demand on the Sussex North Water Supply Zone than at present.

## 2. Proposed Development

The proposed development for which planning permission is required comprises the installation of a new Motor Control Centre Kiosk (MCC) within the existing Blackstone WTW. The MCC kiosk will be an integral part of essential upgrade works that are being carried out to enhance effluent quality and efficiency at the site.

The outer dimensions of the kiosk will be 7.75m length x 3.3m width x 2.8m height, as shown on the MCC Kiosk Plan and Elevations (drawing no. 752215-MWX-XX-XX-DR-T-00004 REV P01). The kiosk will be constructed from Glass Reinforced Plastic and coloured Holly Green (BS 4800 14 C 39). The MCC kiosk will contain electrical control equipment that will be used to operate the new plant and equipment.

The existing WTW access road will provide access to the proposed kiosk. The vehicular access to the WTW will remain as existing, via a gate located directly off the public road (Blackstone Lane) to the east.

### 3. Water Neutrality

In connection with the proposed development, there will be no additional water demand or usage and no additional connections to the potable water supply network. The MCC Kiosk is required to contain only electrical control equipment and as such will not use any water in connection with its operation.

It can therefore be concluded that the development will in no way increase the demand for water within the Sussex North Water Supply Zone area, and the proposal can therefore be considered to satisfy the requirement for Water Neutrality.