

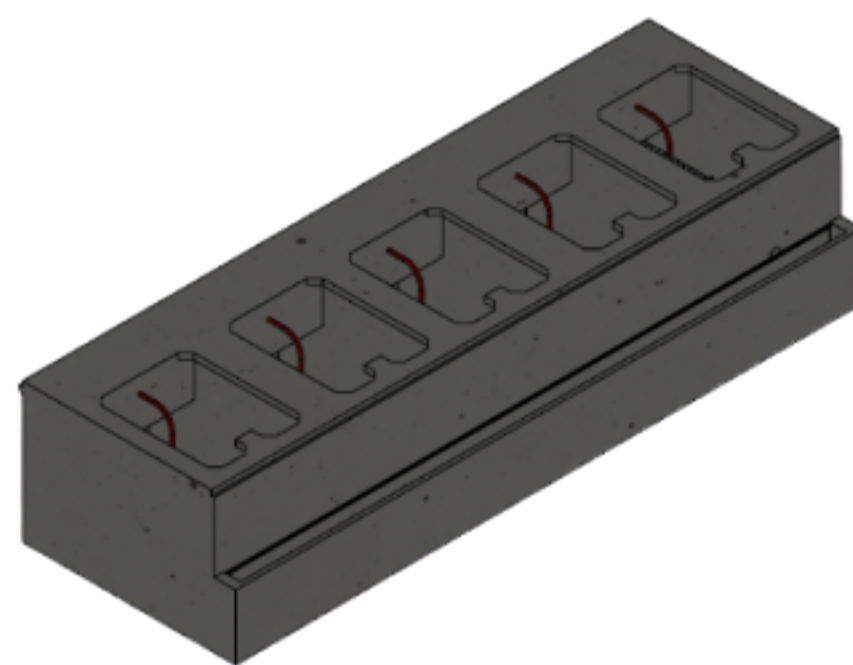
ARLINGTON WATER TREATMENT WORKS UPGRADE

Colloide were awarded design and upgrade service works for Arlington Water Treatment Works (WTW). On behalf of Enisca Browne in wider collaboration with South East Water we will upgrade the existing sand filters.

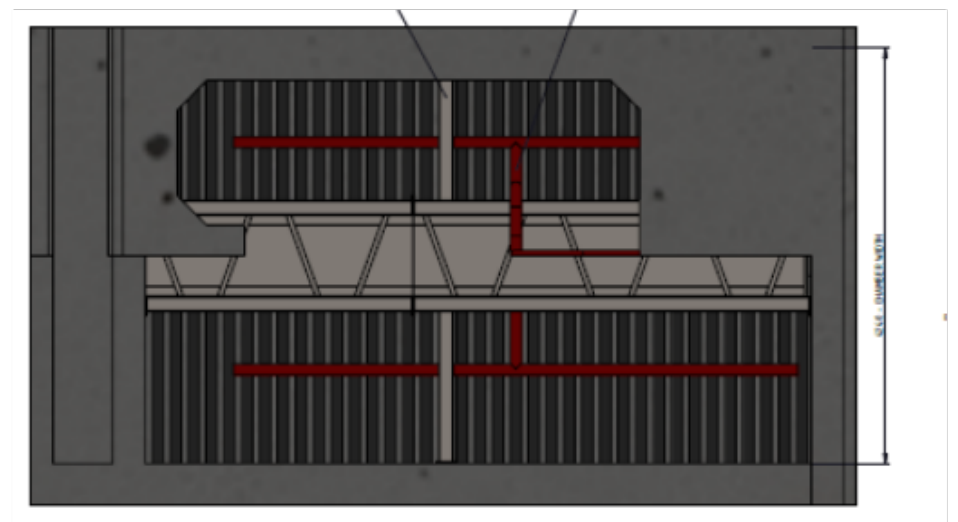
Currently there are 5no. rapid gravity filters constructed in concrete with a media of sand and manganese dioxide. Colloide propose to remove the existing media and supply and install new media.

The filter media within each tank is estimated to be 900 deep and is made up of 100mm deep support gravel, the filter media layer compromise of 85% filter sand and 15% manganese dioxide.

This upgrade for Arlington will allow the plant to continue producing water of the highest quality.



ISO view of all 5 chambers



Tank Plant with partial cutout