



The eco-friendly Vulcan Anti-Scale System is installed at the Walkers Snacks (Pepsico) plant

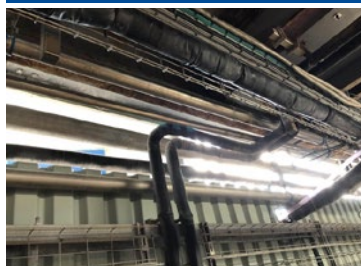
4 x Vulcan S100 Anti-Scale System units are installed to treat all the water supplied to the reclamation site including the CWS, the supply from the preparation plant and from the Molsey plant.



Reclamation Plant

A Vulcan S100 is installed at the 4" stainless steel pipe / peak volume of 56 m³. Vulcan is installed outside to the flow from the cone silo (pre-pump). Vulcan comes with an IP65 protection box.

Purpose: Reducing the heavy limescale within the pipes and pump.



Cold Water Supply

A Vulcan S100 is installed at the 10" stainless steel pipe / 100 m³.

Purpose: Reducing limescale throughout the Reclaima-tion Plant. Reducing and prevention of limescale deposits from pipes, ap-pliances, valves, tap aerators, toi-lets and shower nozzles. Reducing repairs, main-tenance, renewals, cleaning, chemical usage, labor costs and production downtime.



Supply from Mosley Plant

A Vulcan S100 is installed at the 10" stainless steel pipe from the Mosley Plant / volume of < 40 m³.

Vulcan is installed within the Mos-ley plant room.

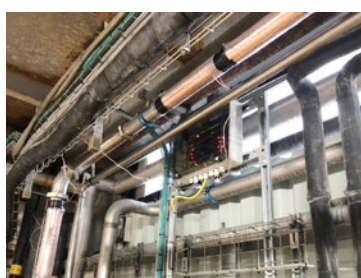
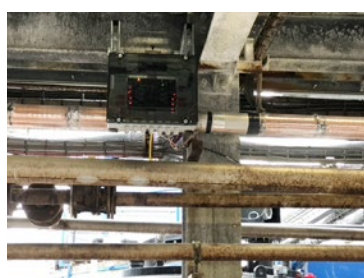
Purpose: Reducing limescale caused by the residual water from the the Mosley plant.



Reclamation Plant

A Vulcan S100 is installed at the 3" stainless steel pipe / peak volu-me of 56 m³, inside the plant room to (post-pump), near the roof level.

Purpose: Reducing of existing limescale deposits as well as re-duce the occurrence of limescale in the Reclamation plant machine-ry off the 2nd and 3rd floors.



PEPSICO Walkers Snack Foods (a division of

Pepsico) was seeking for the latest eco-friendly technologies to reduce existing limescale from pipes and equipment and to reduce repairs, maintenance and lower operating costs within their waste reclamation plant in the UK. The reduction of scale will also help to improve energy efficiency, lower energy consumption and decrease carbon emissions to support Walkers meet Government targets.

Before Vulcan was used, 40 hours per month were required to dismantle and clean the system.

With the use of Vulcan, only 10 hours are required now.

The **Vulcan** Anti-Scale-System helps by:

- Reducing existing scale from pipes and equipment
- Reducing maintenance, repairs and renewals of pipes & equipment
- Reduction of labour hours for cleaning and maintenance
- Lower the use of chemical cleaning and chemical usage
- Improve production downtime cycles due to regular maintenance
- Improve heat transfer and heat recovery in heating and cooling systems
- Lower energy consumption & costs
- Lower carbon emissions by using less energy!



PEPSICO

www.pepsico.com

www.cwt-vulcan.co.uk

Vulcan