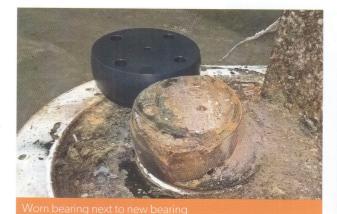
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Free health checks for grit plant



Effective grit removal at the preliminary treatment stage is an essential prerequisite for all wastewater treatment works, preventing grit accumulating in tanks and chambers that would otherwise require costly removal. It also reduces wear on vulnerable, expensive equipment such as pumps by ensuring abrasive detritus is removed before the wastewater reaches them. Even fine

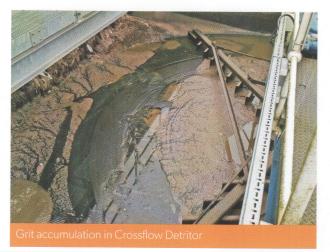
As part of their commitment to the water industry, Jacopa is helping to ensure that these vital assets are fully optimised by offering free health checks' for its grit plant at wastewater treatment works. During these checks, Jacopa can identify the need for any maintenance required and where appropriate make recommendations for refurbishment and optimisation

particles can affect critical equipment and have a profound effect on the entire works' processes.

Process optimisation

Proactive preventive maintenance ensures equipment does not fail unexpectedly, which may result n long periods of downtime for repairs and cause problems with downstream treatment works processes. With the process working optima ly utilities can both save money and reduce their environmental impact.

Jacopa Parts & Service Manager Nei Sandel explains. "This is a key issue for utilities. Grit extraction cycles such as air wash ng and lifting on air lift pump assemblies are sometimes set noorrectly and maintenance is not done





xcessive wear on Rake Classifier Crankshaft causing main earing failure

because superficially, the plant seems to be working However inefficient plant requires more power and is therefore less energy efficient, which increases the utility's carbon footprint."

Case study

Jacopa were recently approached to undertake the refurbishment of a J+A Jeta grit trap and classifier at a major treatment works. On investigation, the company found that the plant had not run effectively for many years, resulting in a massive build-up of grit that had moved downstream, compromising bio filters, numerous pumps and other critical plant. Following a refurbishment and commissioning programme, which included optimisation of the plant, the works is now running far more efficiently.

With a free health check, uti ities can leverage Jacopa's grit plant expertise to ensure their systems are working properly and achieve their desired treatment outcomes. The health check wi also provide opportunities to identify potential upgrades for va ued equ pment. And with a comprehensive portfolio of products for grit remova nclud ng its famous Jones & Attwood® (J+A) range Grit Classifiers Detritors and Grit Pumps Jacopa is well placed to provide the optimum solution for a wastewater treatment works.

Jacopa Key Account Manager Mick Burton added "Grit plants may not be as wel mantaned as other equipment, and it is not always obvious that there are issues until they become critica. When problems do arise they can have a serious impact on the entire treatment works so our free health check will ensure that essential plant is protected solutions are optimised, and environmenta impacts are min mised."

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