



JWC International® SUCCESS STORY



Project Name: Lower Gornal STW

Project Description:

The existing SHE (Screenings Handling Equipment) was failing due to poor maintenance , causing blockages and flooding. There is a bypass screw available when the SHE failed, but this dropped raw, unwashed, un-compacted screenings into a skip. This was causing numerous problems on site, a new screenings handling solution was needed.

Contact Info:

Andy Bruckshaw
JWC International
European Sales Manager

Site Address:

Lower Gornal STW
Himley Road
Lower Gornal
Dudley

Competitor Info:

Due to past success with the SWM unit on others sites, JWCI were the only supplier on this project.

APPLICATION DATA:

Flow Capacity:

Peak Screenings Possible:
3.72m³/hr

(Based on a Customer
Supplied Peaking Factor of
90).

Motor Size & Protection:

Auger Motors 2.2kw IP55

Unit Model Number:

SWM0018-SS

Extended Interconnect
Supplied By Customer.
Customer has a Macho
Monster to retrofit to
assess screenings discharge
quality.

Serial Number:

106946-1-1



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JWCI working in partnership with the water company took the opportunity to solve an on site problem and at the same time trial the SWM0018-SS. The water company had already had experience of using the SWM4018 and were aware of its many benefits. However, a new company directive chose "compaction only" as the criteria for all future SHE selections. The decision was taken to assess the output of the SWM0018 and then upgrade the unit to include a SWM4018-SS to determine the improvements in the output and also the operational differences between the two units. As of 12/10/10 the unit is still operating as an SMW0018-SS.



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Project Name: Dailly WWTW Screen



JWCI won the job as we were able to demonstrate that we provide SHE which can be upgraded if required. Changes to company policy, Landfill Directives, individual landfill operator requirements, or even changes in the final destination of the screenings may mean that traditional SHE units have to be completely replaced, requiring additional capital spend, changes to launder or screw feeds, civils modifications, changes to panel and signal outputs etc, all of which incur significant costs to the water company as well as the scrapping of the now obsolete screenings handling unit.

Also, with water companies looking to use their sludge to generate energy and therefore bring revenue in to the business, there is the possibility of a move back towards clean screenings. Ensuring that maximum faecal matter is retained in the process, guarantee's optimal sludge production which in turn generates maximum revenue in terms of energy production made from the digestion process.

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