



# JWC International®

## SUCCESS STORY



**Project Name:** Naburn STW

**Project Description:**

Imported sludge tankers discharging through a muffin monster to protect downstream equipment in the sludge treatment process.

**Contact Info:**

Paul Mayfield  
Knostrop House  
Knostrop WWTW

**Site Address:**

Naburn STW  
Naburn Lane  
York  
YO19 4RN

**Competitor Info:**

Customer was satisfied with existing units to only ask JWC to quote.

**Installation Details:**

Full M & E Installation Completed:

August 2007 By Brettex Engineering Contractors

### APPLICATION

Flow Capacity:  
30m<sup>3</sup>/hr Sludge

D.S %:  
Up to 5%

Motor Size & Protection:  
4.0Kw IP55

Unit Model Number:  
30004T-B150-DI

Serial Number:  
104271-1-1

Special Features:  
Enclosure to control panel for added protection.

### JWC INTERNATIONAL

Unit 15 Daneside Business  
Park  
River Dane Road  
Congleton  
Cheshire

Phone: 01260 277047  
Fax: 01260 277557



Tankers arrive at 7:30am each day and are on site continually until 5:30pm. Each tanker takes 20mins to fully off-load. A tanker off-loading using free discharge only takes a few minutes longer. An average day equates to 15 tankers each discharging 30m<sup>3</sup> meaning the site can run @ 1.5 tankers per hour.



# JWC International® SUCCESS STORY



Project Name: Naburn STW

The benefits to site have been immeasurable cost-wise as the Grinder has solved problems with the Mixing System in the Storage Tank, the Flygt Transfer Pumps, and the Huber Rotamat Sludge Screen. All of these were subject to regular breakdowns and downtime prior to the Grinder being installed.



JWCI won this job as we have proven in the past to Carillion & Yorkshire Water Services that our units can process sludge's that contain heavy solids and rags. There had been doubts raised by Yorkshire Water Services at Naburn who have seen Muncher type units before not able to cope with the heavy loading at this site. The Operators on site are now big fans of the Muffin Monster Units.

The unit installation was completed by a framework installer for Yorkshire Water Brettex Engineering, there were no issues during the installation which was completed within a day.

The JWCI control panel enclosure is rated to IP65, but for added protection (requested by the customer) JWCI supplied an additional enclosure with viewing window. The success at Naburn STW has led to the same system being installed at other Yorkshire Water sites and has given JWCI an introduction to supply the same system for United Utilities and Northumbrian Water.

Unit 15 Daneside Business Park  
River Dane Road  
Congleton  
Cheshire  
CW12 1UN

Phone: 01260 277047  
Fax: 01260 277557

