



## Document Type

1SUF DUJOH... FUF S JOHNT?

### Overview

MWFTUO...  
FUFOTJWF...  
8IFOEST...

**PROBLEM**

- 4JMUOTODMHTNT
- SSTJOSNTIMUO@STJWFIMJT
- S DUJODDMFTSFUNUST
- 1NTNWFSFFOUM@FUFFOJUFT
- JHIDTU@FSTIJ



## Solution

After much research, Boyer Construction replaced existing pumps with BJM Pumps® lightweight, hard metal dewatering agitator pumps. The LWA® series submersible pumps are specifically designed for dewatering sand, silt, coal fines and abrasive light slurries. They offer built-in agitators that mix settled solids with pump water to restore sump or basin volumes. This helps maintain steady solids concentration and discharge volume. LWA series pumps provide up to 10 HP, with flows of 475 GPM and heads of 117 ft.

The impeller and wear plate are made of abrasion resistant chrome iron, while the agitator and volute are made of hardened ductile iron. This helps minimize corrosion and abrasion, and makes them ideal for difficult construction environments. Despite their hard metal construction, LWA series pumps are lightweight and highly portable, which allowed Boyer Construction to rotate pumps throughout their many project sites.

Boyer Construction field tested several LWA series pumps on various jobsites. The pumps performed outstandingly well, leading the team to purchase 25 pumps in total.

“We were delighted with their performance and service life.”

“LWA pumps are a proven performer on tough construction dewatering services.”



## Features

- Lightweight agitator, hard metal dewatering pump
- Designed for dewatering sand, silt, coal fines and abrasive light slurries
- Built-in agitator mixes settled solids with pump water to restore sump or basin volume
- Hardened ductile iron agitator and volute

## Applications

- Construction/Rental
- Mining & Minerals

## RESULTS

- Abrasion and corrosion resistant
- Agitator ensures steady solids concentration
- Motor cooling enables 24/7 production
- Lightweight and highly mobile
- Reliability and very low maintenance costs increase profits

