

## IN BRIEF:

### SITE/LOCATION:

Hayden, AZ

Town of Hayden is a small town in southeastern Arizona with a population of 700 people and close ties to the mining industry.

### SITUATION:

The Town of Hayden wanted to build their first waste water treatment plant to serve the community.

### SOLUTION:

Crane Pumps & Systems Barnes solids handling series including:

- 2 model 4SHVB30042
- 4 model 3SE1044DS
- 2 model 4SE2846L
- 6 model 4SE15044L

Key features:

- 3 inch solids handling capability
- Plug-n-play cord design to allow easy changes of both voltage and cord length without motor entry.
- External corrosion protection
- Oil filled motors for superior motor cooling and 50,000 hour bearing life.

***"I love the idea of the cord being able to plug in and remove from the pump. I will no longer have to go through the aggravation of fishing wire through conduit!"***

**Mark Renoys**  
- Crew Leader



PUMPS & SYSTEMS

## Applications & Systems

# Town of Hayden Trusts Barnes Pumps for New Waste Water Treatment Plant

## The Barnes® Solids Handling Series

The municipality in Hayden, Arizona has been purchasing Barnes pumps for the past 18 years from Pump Systems, Inc. in Gilbert, Arizona. So when the decision was made that the municipality would build their first ever waste water treatment plant they knew they wanted to purchase Barnes pumps.



TOWN OF HAYDEN  
WASTE WATER TREATMENT PLANT

The construction on the new Waste Water Treatment Plant and Waste Water Collection Systems was completed in five phases and is now almost ready to be turned over to the Town of Hayden. The plant will have a capacity of 80,000 gallons per day on average and 200,000 gallons per day peak daily flow. The plant has been built on 2.21 acres in town.

Gary Cruz, Operations Supervisor for the Town of Hayden met with David Donovan from Pump Systems, Crane Pumps & Systems Channel Partner to decide which pumps would best serve the town. They selected the Barnes solids handling series; Barnes 4SE, Barnes 3SE and Barnes 4SHV. The 4SE pumps are installed inside the plant and the 4SH pumps are being used after treatment to move the reuse water.

The ease of installation and confidence in the performance keeps the Town of Hayden loyal to the Barnes brand.



BARNES 4SHVB300



BARNES 4SE2846L



BARNES 3SE1044DS