

BARNES®

TOWN OF HAYDEN, AZ

Application Overview

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.

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.

Installation

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.

Key Takeaways

Situation

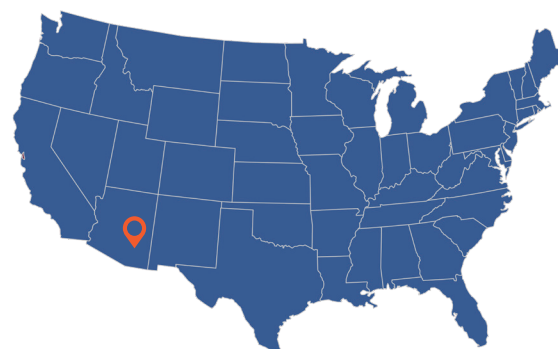
The Town of Hayden wanted to build their first waste water treatment plant to serve the community.

Solution

Crane Pumps & Systems Barnes' solids handling series.

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.



PUMP

Barnes EcoTRAN with OGP Pump



OPERATIONAL IMPROVEMENT

System that could handle hilly and rocky environment



INSTALL DATE

June 2009

“ 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 Renoyso,
Crew Leader

