

# Global Chemical Company

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Saves Over \$1MM Annually on Wastewater Transfer



**SANDPIPER®**



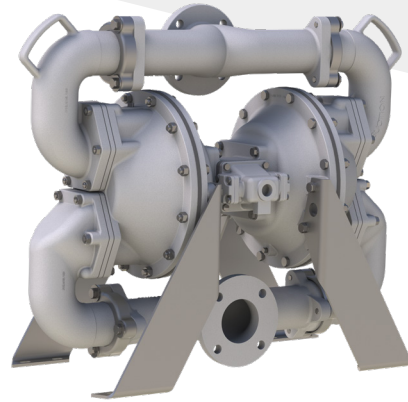
**Contact:** Reliability Engineer & Maintenance Engineer

**Business With Company:** 5+ years at this location

**AODD Pumps in Facility:** Heavy Duty Flap, Heavy Duty Ball, Containment Duty and Standard Duty

**Site Uses:** Variety of uses and applications, from Standard Duty to Heavy Duty Flap globally

**Competitor Conversion:** 6" Single Drum Single Diaphragm Air Operated Pump



recommended the SANDPIPER Cast Iron HDF3M, DB2II. This pump can move solids up to three inches without clogging.

The first SANDPIPER Cast Iron installation was so successful, the company purchased two more shortly after. There are multiple SANDPIPER Cast Iron 3" Heavy Duty Flap AODD pumps at this location.

A leading specialty chemical company utilizes air operated double diaphragm pumps in a variety of applications globally. One of its plants in the United States was utilizing single diaphragm style pumps, and plant engineering was continuously experiencing clogging issues. Many of the clogging issues were related to a solids-laden wastewater transfer process.

During the wastewater transfer process, water is taken from sumps and transferred into a weir. Next, the water is transferred into the clarifier by a pump technology, which was a single diaphragm and ball style check valves at the suction and discharge of the pump. The maintenance team was constantly having to clean out the 6" single diaphragm pump, which could only transfer solids up to an inch.

The team had to clear clogs and obstructions from these check balls every one to two weeks. While this was time consuming for the maintenance staff, it was causing operational issues as the plant could not process wastewater while the clean out was happening.

Rather than continuing to experience downtime, and to reduce service and maintenance, the engineering team reached out to Odessa Pumps & Equipment to evaluate other options. Odessa

Between failures, cleaning and downtime, this location was annually spending \$1.2 million on parts, time and repair. Today, with the installation of the SANDPIPER pumps, this location is now spending 5% of what they were spending annually on this waste water transfer process.

**SANDPIPER®**

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