



135 Years of Tradition, History & Quality Manufacturing
Our State-of-the-Art Test Facility

American-Marsh Pumps participates in a variety of industries and markets. Some of these markets are very straight forward and require very little engineering from a manufacturing standpoint. Others require an enormous amount of engineering and require very intensive testing requirements.

Our test facility was constructed in 1998 and is the third in our history. The previous two test facilities were smaller, had fewer test loops and were not calibrated to the highest standards the current test facility is rated for today.

The current test facility has two independent test stands, one for flooded suc-

tion and one for suction lift applications. The flooded suction tank is 20,000 gallons in size and features four different calibrated test loops. The suction lift tank



is 300,000 gallons in size and features eight different calibrated test loops.

The test laboratory features voltages from 115 through 4160 and an in house 300 horsepower inverter allowing for multispeed testing

requirements. Flows up through 100,000 gallons and pressures through 1000 pounds per square inch can be accurately measured in our laboratory. To date we have spent nearly \$4.2M in test laboratory improvements.

Lastly, calibrations are key to ensuring accuracy in test results. Our current laboratory is certified to Hydraulic Institute & ISO 17025 standards and has passed Factory Mutual facility audit requirements for fire pump testing.



www.american-marsh.com

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First Quarter

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January - March 2010

Project Focus
Imperial Valley Water District, California



The Imperial Valley Water District in southern California is located in a very arid and dry environment. This part of California is located in a very inhospitable environment and the location of water is very important to the survival to municipalities in the area. The movement of water for irrigation and municipal applications falls within

their area of responsibility.

Recently, they specified two 24 inch, mixed flow turbines for use in a municipal application. The two units were engineered for 11,250 gallons per minute and 18 feet of total dynamic head.

These two units featured flanged column assemblies, below base discharge heads and overall lengths in the 24 foot range. Both units were also coated with a municipal coating on the interior and exterior surfaces. These pumps were factory tested in our \$4.2M

test facility.

Both units were transported to the job site and were successfully started up. Imperial Valley Water District has worked with American-Marsh in the past and we hope to continue our relationship in the future.



At American-Marsh, we are proud of the loyalty of our customers. Many have been with us for more than a century. We thank you for your interest in our products and invite you to join our long list of satisfied customers.

PIPELINE is a quarterly publication for our distributors and representatives. Its mission is to provide useful product information and company communication. We welcome your comments and suggestions.

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Product Line Highlights

Series 460 - OSG ANSI B73.1M Process Pumps

The 460 Series portion of our product line features the heavy-duty process product line. The ANSI offering is used widely in the petroleum and chemical markets worldwide. Features include:

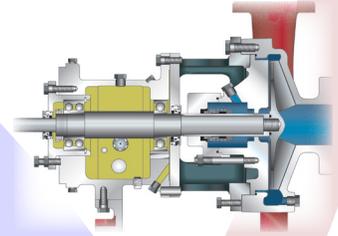
- Fully meets ANSI B73.1M dimensional and performance standards.
- 26 models cover the entire ANSI performance requirement.

- Four power frames cover all models ensuring maximum parts interchangeability.
- Ductile iron and 316 stainless steel fluid ends in stock reducing lead-times.
- All OSG units are parts interchangeable with the Goulds® 3196 ANSI product line.
- Semi-open impellers

ensure easy re-adjustment of factory running clearances in the field.

- Fluid end and power frame kit program available for easy distributor stocking programs.

Many ANSI products have also recently been specified and used in the municipal markets. This allows for even more diversity from American-Marsh Pumps.



460 Series OSG Product Line

The 460 Series ANSI product lines balance out American-Marsh's process offering and compliment our existing split case and vertical turbine offerings.

Our Focus on Fire Protection

Three years ago, American-Marsh Pumps made the decision to be a player in the Fire Protection market. This decision shifted American-Marsh Pumps back in a direction that we moved away from nearly 50 years ago. American-Marsh Pumps manufactured the Barton Fire Protection product line for decades and sold it off in the 1960's. Since

that time, American-Marsh Pumps has not focused on this market.

Three years ago we decided to go through the listing and approval process to once again gain access to this market. American-Marsh Pumps now has hundreds of models available for the UL & FM markets worldwide. Today we manufacture end suc-

tion, vertical inline, split case and vertical turbine pumps for the UL/FM markets, both domestically and internationally. Frankly, we have been VERY surprised as to the interest we have gotten in this new market focus.

offering. We participate in the Intersec, NPFA and Beijing Fire Show annually and have signed up dozens of distributors from North American to the United Arab Emirates.

We continue to add to our offering by getting newer models listed and expanding our flow and pressure

keeping an ear out for newly updated product as we are in the process of getting product listed not available from any other manufacturer!

On The Web

"Distributor Login Area"

-490 Series Pumps-

http://www.american-marsh.com/distributor_access/distributor_login.php

DISTRIBUTOR LOGIN

The AMPNET portion of our Distributor Login has been very well received and is an enormous time saving tool.

The newest addition to the AMPNET area is the 490 Series self primer pumps. This now greatly simplifies the selection and pricing of the AD, LS, SST and SSU pump models featured in the 490 series

section of our catalog. Pricing includes standard construction and now includes optional metalurgy for quickly figuring pricing based on dynamic job site conditions. In addition to the pricing information links to the most commonly requested information are all available at the top of the page. From IOM manuals to dimensional drawings, all can be gotten effortlessly.

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Be sure to sign up online to receive future **PIPELINE** newsletters at:

<http://www.american-marsh.com/epg/news/pipeline.php>

American-Marsh Pumps, one of the oldest pump lines in America, are pump products steeped in heritage. Since 1873, the American-Marsh line of pumps have withstood the test of time. Over the last 135 years, over 100 varieties of pumps have been designed and built. From steam pumps to centrifugal pumps, American-Marsh pumps have been built to meet the ever changing requirements of society. Over the last century, through continuous product development, more American-Marsh models have been retired than most other pump manufacturers have ever produced. Hundreds of thousands of pumps have been built, all designed with long life in mind, allowing many of them to last over 50 years in service.

Today, look to us for the complete offering of American-Marsh Pumps, consisting of 18 product lines to serve your every need. Whether your need

is a self-priming diaphragm pump, a stainless steel vertical sump pump, or anything in between, American-Marsh Pumps will provide you with a durable, hi-quality solution.

Build a world class quality product, and back it with knowledgeable customer service staff just as experienced and proven as our pumps.

Take a specialized product, and provide a simple process to obtain the information and delivery you require. Our heritage of quality pumps goes back to 1873 and continues today, emphasizing durability in the design and construc-

tion of every pump we make. American Marsh Pumps, an American tradition since 1873.

Our entire product family reflects years of customer input, product upgrades, redesign and new product development...all focused on meeting and exceeding our customers expectations. For over 135 years, the American-Marsh Pump designs have proven their durability by withstanding the test of time. Our commitment to customer service and satisfaction will ensure that the American-Marsh Pumps Product line will be around for the next 135 years.



The original American-Marsh facility located in Battle Creek, Michigan, USA (Photo taken around 1950).

Engineered Process Group

American-Marsh Pumps

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Water Systems Group