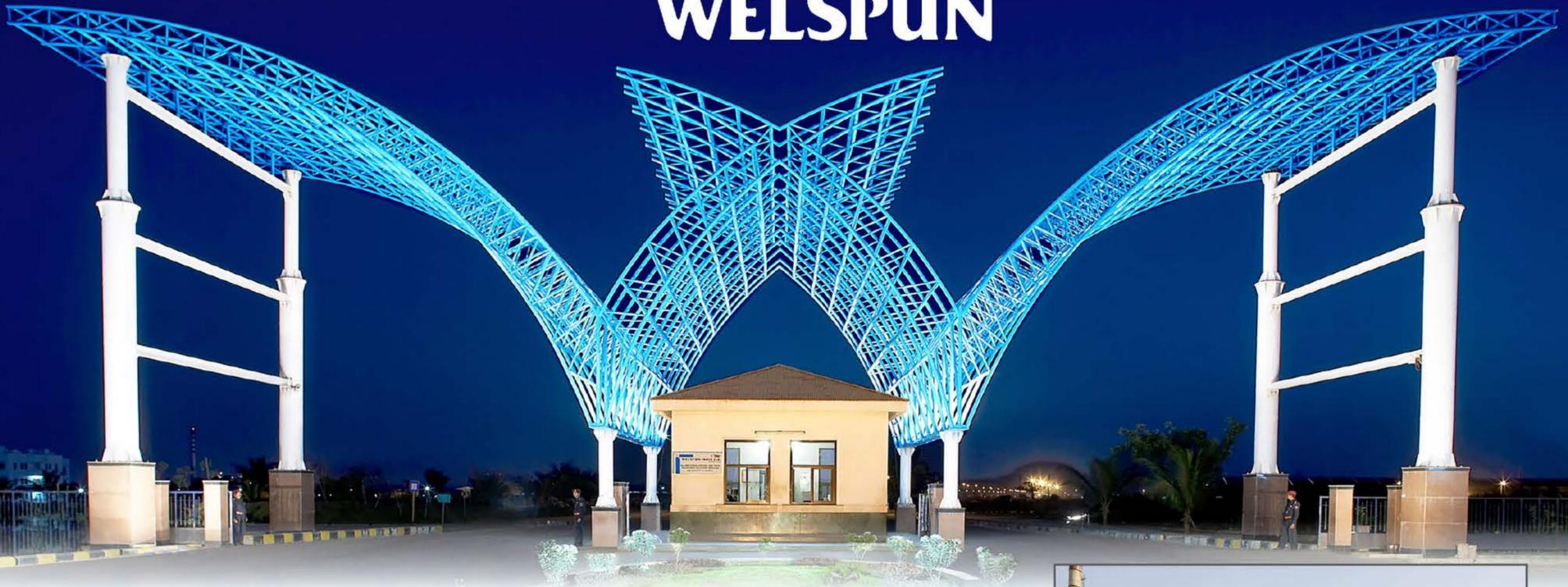




*A lush Green 2500acre Township (of nearly 20,000souls)  
within Arid Desert....!*



# WELSPUN



Started with Welspun Winilon Mills in the district of Palghar in 1985, just 6 years down the line Welspun Polyester India Limited went public with its IPO..! In 1993, the Terry Towel facility was set up when no one could believe such high-end towels could be made outside of Turkey – today Welspun Towels are used even in **Wimbledon** Tennis events..!



Welspun is a fully integrated player within the **MS Pipes & Home Textiles sectors**, with a significant presence in **Infrastructure development**, spanning **Roads, Water and Oil & Gas**. It is a globally recognised industry leader with a worldwide reach panning more than 50 countries & employing over 26,000 people.

## Situation



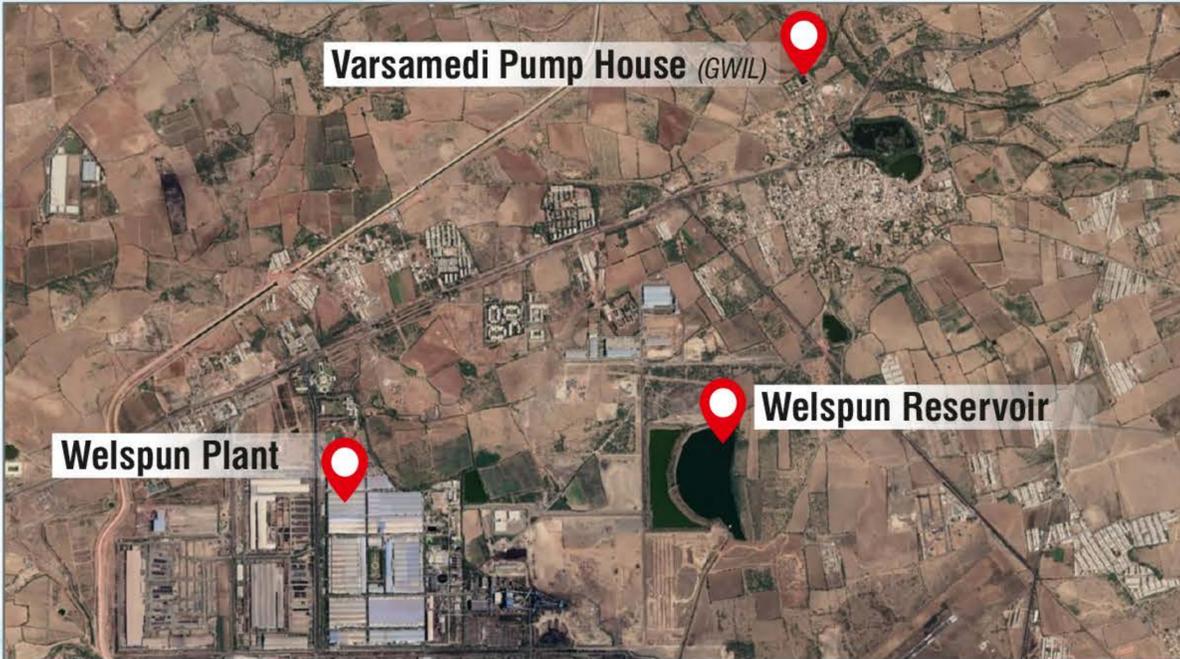
**Kutch** is a district of Gujarat State in Western India covering an area of 45,674 km<sup>2</sup> & is the Largest District of India **its area is larger than** the entire area of states like **Haryana & Kerala..!** A large part of this district is known as Rann of Kutch which

is shallow wetland which submerges in salty water during the rainy season and becomes dry during other seasons. It is an **arid region – hardly an ideal location for heavy industries...!**

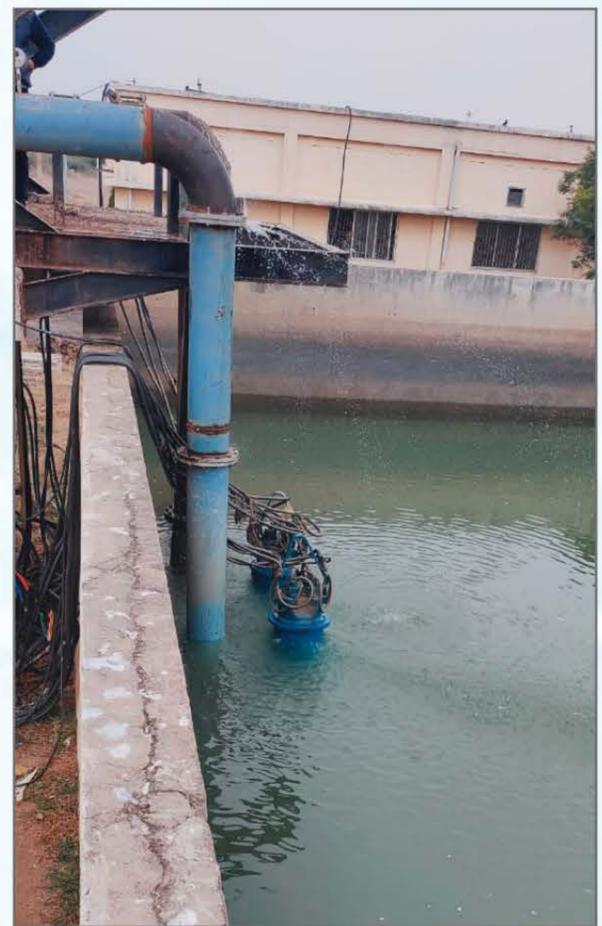


In spite of these challenges, m/s Welspun inaugurated its World Class Township at **Anjar, Kutch** - spread over **2,500 acres**, it houses Asia's largest home textile factory and one of the World's larger diameter SAW pipes mill - now, this region is a thriving township of **20,000 people**.

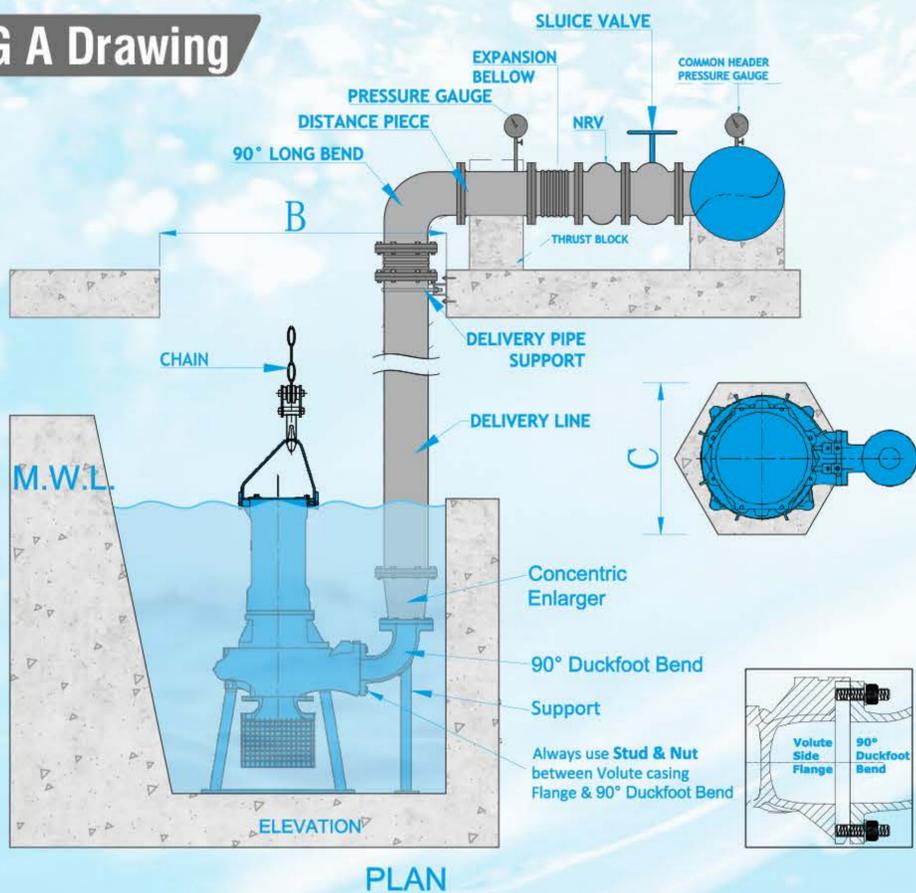
## Solution



Welspun is using Aqua make SubCF Pumpsets at the Source (GWIL Sump) near Varsamedi village for fulfil their water requirement. These pumps lift the water to the Raw Water Reservoir within the plant from where it is treated for onward usage.



## G A Drawing



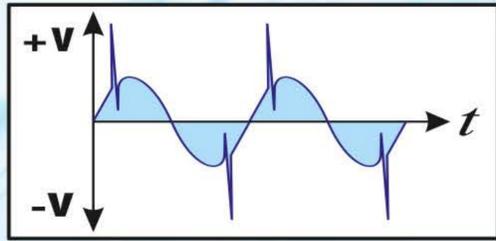
**3rd National Water Awards**  
Welspun India Textile Ltd. (Gujarat)  
1st Prize, Best Industry (Category)

**40 MLD Sewage Treatment Plant**

- enables Zero Use of Freshwater for Processes
- ensures More Availability of Freshwater to the Neighboring Drought-affected Communities

# Benefits

## Tolerates...



... Power Spikes & Surges



... Wide Voltage Variation

## Intelligent InBuilt Monitoring

Easy Monitoring (& Remote Control<sup>#</sup>) of your Pumpset's Health.



- **PSLD** detects Pressurized Water Leakage from Mechanical Seals.
- **CCWLD** detects Accidental Water Leakage from Cable Sheath's Cuts &/or Nicks into the Motor.
- **SBWLD** detect Accidental Water Leakage in to Motor's Stator Chamber.
- **BTDs** in the form of Bi-metallic Switches (for All Pumpsets) & RTD's (PT100 - 3 Wire Simplex type - from Size > 150kW) to Monitor Bearing Temperature (without any Additional Cost)<sup>#</sup>.
- **WTDs** in the form of Bi-metallic Switches (for All Pumpsets) & RTD's (PT100 - 3 Wire Simplex type - 1 per each Phase - from Size > 150kW) to Monitor Winding Temperature (without any Additional Cost)<sup>#</sup>.



Saves (upto 55%) Land Requirement\*



Saves (upto 45%) Capital Cost of Entire Pumping Stations\*



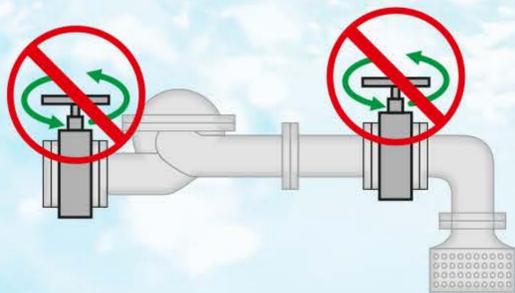
Saves (upto 75%) Spare Parts & Consumables\*



Saves (upto 66%) O&M Staff\*



**Low Energy Cost** : Due to Elimination of Suction Losses, Ancillary & Auxiliaries; **Wire to Water Power Consumption** of SCF based Pumping Station is **slightly Lower** (compared to Conventional Bare Shaft Pump - Motor Set based Pumping Stations).\*



No need of Valve Opening / Closing (during Pumpset Start / Stop)



...Aligning / Replacing

Shafts/Sleeves &/or Coupling



...Adjusting / Replacing

Gland Packing



...Refilling

Oil &/or Grease

\* (refer marketing@aquapumps.com for additional white papers)



### User Friendly

- No risk of Cavitations.
- No damage due to Flood or Rains.



### Requires No Special Pre – Post / Ancillary-Auxillary Operations; like :

- Operating & Maintaining the Forced Water Lubrication systems operation,
- Operating the De-watering Pump to water leakage from Seepage / Gland Piping Leakage, etc.



**Minimal Noise, Vibration & Heat Emission;** due to **elimination** of Auxiliary & Ancillary systems (like Forced Water Lubrication, Thrust Bearing Cooling system, Motor Hear Exchanger).



**Low Life Cycle Costs (LCC)\***

\* (refer marketing@aquapumps.com for additional white papers)

Date: 25/01/2022

## To Whomsoever It May Concern

This is to certify that, M/s. AQUA MACHINERIES PVT LTD is our regular vendor having vendor code 2000003126.

We are using "AQUA" make Submerged Centrifugal Pumpsets and Submersible Non Clog Pumpsets at our plant of following ratings:

Type of Pump set :	Submerged Centrifugal (SCF) Pump		Submersible Non Clog (ANS) Pump
Pumpset Model :	ARS 2542 M M 240	ARS.._V_PS._1st_VoG_ES_2 537__M._4P_.170N__415 NJ.	ANS.._V_AC._1st_VoG_ES_2 033__D._4P_.75N__415_N J.
Head (meter) :	45	35	20
Flow (m <sup>3</sup> /hr) :	900	900	575
Rating (HP/kW):	240 / 180	170 / 127	75 / 56
Voltage (V) :	415	415	415
Qty (nos.) :	1	2	2
Date of Supply :	04/06/2009	04/09/2021 & 08/10/2021	29/10/2018 & 09/09/2019

In our experience, AQUA make Pumpsets are very easy to operate and require almost no maintenance. The Performance of Pump sets is excellent and all are Working Satisfactory. We are appreciating their Technical Support and Prompt Services after Sales.

We recommend the use of AQUA make Pumpsets as an Energy Efficient yet more Robust and a low maintenance alternative to the older technology coupled Pumpsets.

Thanking You,  
Varsamedi

**Welspun India Limited**  
Welspun House, 6th Floor, Kamala City, Senapati Bapat Marg, Lower Parel (West), Mumbai 400 013, India.  
T : +91 22 6613 6000 / 2490 8000 F : +91 22 2490 8020 / 2490 8021  
E-mail : companysecretary\_wil@welspun.com Website : www.welspunindia.com  
Registered Address: Welspun City, Village Versamedi, Taluka Anjar, District Kutch, Gujarat 370 110, India.  
T : +91 2836 661 111 F : +91 2836 279 010  
Works: Survey No. 76, Village Morai, Vapi, District Valsad, Gujarat 396 191, India.  
T : +91 260 2437437 F : +91 260 22437088  
Corporate Identity Number: L17110GJ1985PLC033271

“Right from sourcing Raw Water to handling the generated Waste Water thereof, since 2009; Aqua's Submerged & Submersible pumps serve this huge Industrial Township (of approx 20,000 souls spread over 2,500 acres).”

- S. R. Tidke  
Sr. Mgr., AMPL

# Aqua Machineries Private Limited

[www.aquapumps.com](http://www.aquapumps.com)

Registered Office & Manufacturing Plant

Survey No. 504/1-2, 442/2, Near Haridarshan Estate, Near Express Highway, Ramol, Ahmedabad-382 445. Gujarat, India.

[marketing@aquapumps.com](mailto:marketing@aquapumps.com)