



Job Report

Marina Bay SLS



Marina Bay SLS "Before" photo shows High Maintenance Non Clog pump and comminutor. This installation was a constant maintenance headache!



Marina Bay SLS "After" photo shows a dimensionally equivalent ESSCO VDPCC pump installed with comminutor removed which resulted in a very low maintenance and space saving pump station.

ESSCO has furnished dimensionally equivalent "drop-in" replacement units for many applications in the water, wastewater industrial markets. The **ESSCO** pump are designed to solve problematic pump applications and handle difficult process products containing a high volume of solids, long stringy material and aggressive liquids which are discharged into the waste stream. **ESSCO** produces heavy duty pumps in a wide variety of sizes and styles which replace many competitors equipment.

Customer's Problem:

The Marina Bay sewage lift station contained pumping equipment that was a maintenance nightmare. The pumps continually were plugging up with debris and long stringy material. The lift station went as far as installing a comminutor for each pump to combat the frequent line stoppages. This resulted in a slight improvement

but did not solve the problem.

Solution:

ESSCO's Distributor furnished a Model 4x4x9.5 VDPCC Vertical Dry Pit Close Coupled 100% recessed impeller vortex pump which matched the existing pump dimensions and allowed the comminutors to be removed from ser-

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ESSCO Pumps & Controls

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Job Report Cont. Marina Bay SLS

vice and repurposed for installation elsewhere. As result the **ESSCO** 100% recessed impeller vortex pumps reduced the maintenance to practically nil and eliminated the pump plugging problems. In addition to less maintenance the pump station now has more work room.

Condition Point: 500 GPM at 54 Ft. TDH.

Results:

Prior to installing the **ESSCO** Pumps the maintenance personnel fought an endless battle against plugged pump, leaking packing and seals, repairing the comminutors and keeping the pump station clean.

Once the **ESSCO** pumps were installed and put into service the real test began. The pump station mainte-

nance became minimal and has allowed personnel to concentrate on more pressing matters. The pump station has been virtually maintenance free.

Conclusion:

The **ESSCO** pump has drastically reduced maintenance and eliminated many spare parts in a very difficult application. If your pump stations requires the maximum "up" time and the highest return on equipment investment then contact your local **ESSCO** pump distributor to inquire how we can assist you. **ESSCO** will make every effort to extend your equipment service life with best quality and product design in the industry. **ESSCO** has thousands of proven installations throughout North America. **ESSCO** can provide dimensionally equivalent customized pumps to match many popular pump sizes.

Distributed By:

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