



## Summary

<b>Industry:</b>	Food - Prepared Foods
<b>Application:</b>	Vegetable Processing Plant
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Self-Priming Pump Replaces Failing Submersible Pumps

ERIKS solve vegetable processing factory

### ISSUE

This client, a vegetable food processing factory operate their own effluent treatment plant dealing with all the wash down waste coming out of the factory.

This waste water from the factory is received into a 5 meter deep receiving sump, where the factory operated two submersible pumps.

These two pumps were constantly blocking up and failing to handle the vegetable mater being received from the factory. ERIKS Pump Technology were called in, to advise on an alternative pump arrangement and resolve the constant pump failures.

### SOLUTION

ERIKS Pump Technology attended site and discussed the system with the client, ERIKS advised on installing an above ground self-priming pump. This pump would be capable of handling the suction lift, and the vegetable matter in suspension in the pit.

A Pioneer P3 3" self-priming pump was identified as the most appropriate pump driven by an electric motor / 'V' belt arrangement. This pump was more than capable of handling the vegetable matter with the 3.5meter suction lift. This pump has now also removed any requirement that was previously required to enter the sump with it being designated confined space.

### OTHER BENEFITS

- Semi-open multi-vane impeller with solids handling capability up to 76mm
- Very resistance to wear and shock loads
- Replaceable wear plate and cover plate
- Removable rotating assembly

### FURTHER COMMENTS...

This application is an excellent example of how ERIKS Pump Technology look at applications and are able to advise on a wide array of systems, identifying the right product for the application.

### MORE INFORMATION

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