

# Application Report - No.16

# Sewage



In service reliability, ease of maintenance, prompt spares availability and on site service support ensure that the Selwood electric chopper pump is the cost effective **“Right Pump For The Job !”**

Selwood’s electric driven chopper pump was the ideal solution to pumping unscreened sewage to primary sludge tanks at Petersfinger Sewage Treatment Works.

The requirement in this case was for Chopper pumps to pump and condition raw unscreened sewage at Salisbury Sewage Treatment Works in Wiltshire. The waste material passed from the inlet part of the works via the chopper pumps into the primary sludge holding tanks.

Building upon Selwood’s market leading reputation in pumping sludges and slurries the Selwood electric chopper pump has been developed with our key partners in the water treatment, industrial and process industrial sectors. All have a common requirement to pump and condition liquids which contain a high proportion of solids, organic matter or rags.

The 7.5kw Selwood Chopper pump with its hardened impeller and cutter (65 rockwell) and a cutting action giving 3000 cuts per minute proved to be more than capable of meeting this arduous application.



## Chopper

Power Requirement	7.5kW
Pump Speed	1450rpm
Capacity	275m <sup>3</sup> /h
Inlet / Outlet Port	150/100mm
Delivery Head	25m



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