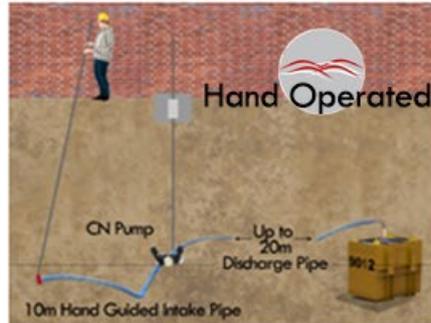




ROVTECH SOLUTIONS

Harsh Environment Problem Solvers

RSL Jetpump



Capable of moving 1 tonne of (builders grade) sand in one hour over 20m discharge length

After successfully receiving a full HAZOP and being deployed into FGMSF, the RSL Jetpump has undergone an extensive set of trials at the RSL Test Centre.

The Jetpump has been designed, tested and the results show that for bulk silt removal it is capable of moving large amounts of sand/silt over a distance Of 20m.

Unlike conventional pumps, where the water flow is taken through a motors impellers, the RSL Jetpump has an open venturi which allows objects, such as rubber gloves, to pass through the whole unit.

The RSL Jetpump was designed, developed, manufactured and tested in-house and became the first engineered solution to move silt/sludge within FGMSF and PFSP (Sellafield Legacy Ponds). It was created in response to a Sellafields desire to uncover disused rail tracks. The V1 Jetpump was supplied and successfully completed the required task. Further upgraded units, V2, have now been purchased and are regularly employed for a range of other tasks.

The Jetpump can be mounted onto a ROV or used Handheld via a Deployment Pole. A Back Flush valve is fitted to remove any blockage that may occur, and with this valve shut, it can also be used as a Jetter.

2" Intake Hose (L)	3" Discharge Hose (L)	Weight of Sand	Time
7m	10m	25kg	103 secs

Rovtech Solutions are proud to be the Winners of the SME Innovation Award 2015 (Best Application of an Innovative Solution) for the development and manufacture of the RSL Jetpump.



Supply Chain Charter for Nuclear Decommissioning Sites Signatory

Rovtech Solutions
Unit 156, Andrews Court
Andrews Way
Barrow In Furness
Cumbria
LA14 2UE

01229 822121
rovtechsolutions.co.uk
info@rovtechsolutions.co.uk