



NEWS RELEASE

FOR IMMEDIATE RELEASE

Thern Power Winches are an Economical, Versatile Option For Wastewater Facilities

March 16, 2010, Winona, MN. – Thern power winch systems provide wastewater facilities with economical and versatile solutions for a broad spectrum of industry applications. The wide range of options and capabilities available provide facility operators easy to use equipment to address even their most complex requirements.

During a recent water treatment facility renovation, operators needed to replace an aging dredge positioning system used in their water recharge basins. The dredges cleared hardened crust that develops as a result of organic matter and particulates present in the fresh water sources that supply the basins. Over the years, several different options have been employed to control the crust with limited results. The latest system used a costly underwater cleaning vehicle with a track-based control method that was prohibitive due to its highly specialized nature; this system required special technicians for maintenance and operation and provided limited maneuverability in the irregular shaped water basins. Seeking a cost-effective, easy to use alternative to provide them the control and flexibility needed to perform this task, facility operators turned to Thern for a fully automated winch-based solution.

Thern power winches control the new floating pontoon-based dredges, a custom designed solution that is more cost effective and easily maintained than the previous system. Installed at accessible stations next to each basin, the winches eliminate the need for costly steel tracks and time consuming underwater maintenance. As a result, expenses and down time are significantly reduced.

Programmable computerized variable speed controls further reduce costs and simplify operation by enabling fully automated, simultaneous operation of each winch. Using these automated controls, operators pre-program each winch for the shape of its basin to allow winch operation without continuous user input, and unlike with the previous track system, an expensive technician is no longer needed to operate the equipment.

Thern's easy to use system also provides more flexible operation than its predecessor. Each winch is equipped with a clutch for added control in positioning the pontoon dredges and holds up to 1,600 feet of wire rope to provide dredge coverage for a majority of the basin bottom in each pond. The mobility provided by the winch system greatly exceeds that of a track system, which was limited to certain areas of the basin due to its irregular shape.

Thern custom built solutions can accommodate a broad range of special requirements for your load handling applications. For more information on Thern winches in wastewater applications, visit www.thern.com to learn how Thern can work for you.

Thern, Inc. is a major designer and manufacturer of winches, cranes and hoists for a broad range of water, wastewater, and industrial applications. Founded in 1948, Thern is headquartered in Winona, MN and markets its products worldwide. Learn more about Thern products at www.thern.com or

contact us via email at info@thern.com or call 1-800-843-7648.

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