

# Armtec Vortechs® Stormwater Treatment

## Installer

Pidherney's Trucking

## Design Consultant

Al-Terra Engineering Ltd.

## Location

Clearview Industrial Park  
Red Deer County, Alberta



Application: treatment of stormwater runoff from an industrial subdivision

## Project Details:

Red Deer County is experiencing rapid growth and the protection of its surrounding waterways is important to local residents. Provincial regulations require that any storm run-off from Clearview Industrial Park be treated prior to reaching the storm sewer out-fall.

The design required a Vortechs® model 5000 unit with an offset high flow bypass structure. The Vortechs® System meets stringent regulations by efficiently removing contaminated sediment, floating hydrocarbons, and debris. The high performance system uses an effective combination of swirl-concentrator and flow-control technologies to maximize treatment. These features provide for the physical separation and capture of sediment and free oils, and work to prevent re-suspension and release of previously trapped pollutants.

The entire Vortechs® unit and bypass manholes were delivered in on truck-load saving time and money! With its

shallow profile, installation of the Vorechs® model 5000 unit was completed in a very short 3 hours. The installation experience is summed up by the following customer's comments:

**"This is the shallowest stormwater treatment chamber I have ever installed ... it was pretty simple."**

- Wayne Marshall, Site Superintendent, Pidherney's

The unique, shallow design of the Vortechs® System allows for ease of inspection and unobstructed maintenance access. Backed by comprehensive lab, field and third-party testing, it's your best choice for clean water.

Contact your nearest Armtec Sales Representative to find your stormwater treatment solution.



## Case History



**Vortechs High Flow  
Hydrodynamic Separator**

**Clearview Ind. Park, Alberta**



Head Office: 370 Speedvale Ave.W., P.O. Box 3000, Guelph, ON N1H 6P2 [www.armtec.com](http://www.armtec.com)

Sales Offices: Nanaimo, Prince George, Langley, Edmonton, Calgary, Lethbridge, Saskatoon, Winnipeg, Thunder Bay, Sudbury, Guelph, Toronto, Peterborough, Chesterville, Forest, Orangeville, Comber, Montreal, Quebec City, St. Clet, Sackville, New Glasgow, Bishop's Falls and St. John's.