

MEGADITCH DEBUT MAKES BIG WAVES IN CANADA!

2296 FEET OF THE EXPANDABLE HOPE DITCH LINING SYSTEM INSTALLED TO CORRECT SEVERE WATER RUNOFF AND EROSION CONTROL ISSUES AS PART OF MINE RECLAMATION PROJECT.

Situation

In 2002, a copper mine in Murdochville, Quebec, was closed after 40 years of service. Then began the lengthy and necessary process of reclamation and rehabilitation of the mine itself, and the surrounding areas. A key concern was controlling erosion and sediment runoff once the snow began to melt each spring.

Previous attempts to mitigate soil erosion and stabilize the mine's old drainage pathways using traditional methods such as riprap were unsuccessful. The specifying design firm was convinced that SmartDitch MegaDitch was the only sustainable solution to channel the runoff and solve their erosion issues.



Solution

In the summer of 2010, SmartDitch Sales Rep, Ed Ney, and Canadian Distributor, Innovex, collaborated with Penda Corporation to accelerate the launch of its new SmartDitch MegaDitch expandable ditch lining system. It is the newest product addition to the SmartDitch



family of established erosion control and water conveyance products. These include the 12" Trapezoidal, 24" Trapezoidal, and 24" Semi-Circular designs. The customer was impressed with the concept of installing an HDPE ditch liner and wanted their solution to be the new SmartDitch MegaDitch system. With fall and winter fast approaching, Penda put MegaDitch production on the fast track in an effort to complete the installation before the harsh Canadian winter weather set in. Phase 1 of the installation project was completed in early December.



Project Details

- ◆ **LOCATION:** Murdochville
Quebec, Canada
- ◆ **TOTAL LENGTH:** 2,296.5 ft (700 m)
- ◆ **MAXIMUM CFS:** 585.92 (16.59 cms) -
based on the channel's width, depth,
and side-wall slope of approximately
50°

The SmartDitch MegaDitch is an expandable system of overlapping, ribbed, HDPE base and wall sections designed to create a ditch or channel liner to virtually any specified size. MegaDitch is also engineered to have adjustable side-walls to conform to a variety of slope grades. All additional details above are approximate.



SmartDitch is manufactured in the USA. It is a safe, economical, long-lasting, and environmentally sound irrigation channel lining solution. For more information on the SmartDitch and the MegaDitch HDPE Channel Lining Systems contact:



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