

**Association of Consulting Engineering
Companies, Manitoba
Award of Merit - Cartier Regional Water Co-op
System Upgrade**

18 May 2011



*Standing (L to R): Ray Foreman (Manitoba Water Services Board), Award Sponsor,
John Ewing
Seated (L to R): Ian Parkinson, Award Sponsor*

Dillon performed an analysis of the Cartier Regional Water Co-op Water System which comprised an existing river intake, water treatment plant, transmission pipe network, pump stations and remote system reservoirs. System components were identified that required upgrading to meet 20-year design service needs. Using an enterprise risk-based approach, critical water supply quality and quantity system upgrades were identified with Manitoba Water Services Board. A sequence of design and construction contracts to mitigate the system limitations was developed. The approach included fast track major equipment pre-purchase, with concurrently running general installation contracts.