



Flow monitoring for golf course irrigation.

Summerheights Golf Links in Cornwall, Ontario draws irrigation water from the South Raisin River. Flow rates in the river can become very low during dry periods so water extraction is regulated and monitored closely.

Under a water extraction permit issued by the Ministry of The Environment in 2009 the golf course is allowed to draw a maximum of 500,000 liters (132,086 gal) per

day at a flow rate not to exceed 1,380 liters (365 gal) per minute (and 600,000 liters (158,503 gal) per day at max 1660 liters (439 gal) per minute after July 1).

To measure and control water pumped into the sprinkler system, a Greyline TTFM 1.0 Transit-Time Flowmeter with clamp-on ultrasonic sensors was installed on the outside of the main 152.4 mm (6 in) steel pipe from their pump station. A Rain Bird® control system then manages water distribution to each sprinkler head.

Daily flow reports must be provided to the Ministry of Environment at the end of



"We are all talking about the price of oil, but it's water we'll be fighting for in the future."

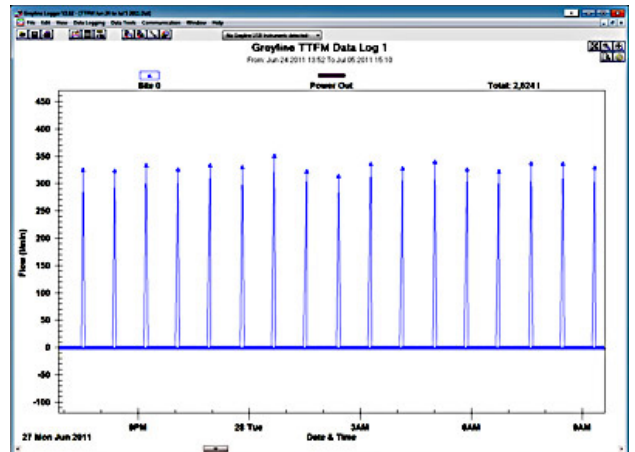
Rory MacLennan, Summerheights Golf Links

each golf season. So the Summerheights TTFM 1.0 Flowmeter is equipped with an optional 2-million point data logger which stores daily total, minimum and maximum flow rates. Rory MacLennan plugs a USB memory stick into the flowmeter periodically to download reports and transfer to his computer. From these daily reports MacLennan can transfer the data into the Ministry’s online reporting system.

More Information

Summerheights Golf Links: [Click here](#)

TTFM 6.1 Transit-Time Flowmeter: [Click here](#)



The flowmeter data logger stores flow rates and Greyline Logger software generates daily Flow Reports

Featured Products



Greyline TTFM 6.1 Transit-Time Flowmeter



Greyline PTFM 1.0 Portable Transit-Time Flowmeter



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