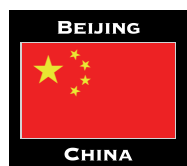


# Hunter® Headlines

## Irrigation News & Insights

### Public Landscaping Projects Making Big Cities More Beautiful



With the Summer Olympics two years away, construction projects can be found most anywhere throughout the capital city of China. And not every project is a stadium, arena, or other sports facility. There are numerous public works projects taking place as the city prepares to put on its best face to the world as it prepares to be the center of international attention in the summer of 2008.

One of the more notable public works projects recently completed was the No. 4 Ring Road East that serves as the 7-kilometer long main gateway from Beijing Capital International Airport to the Central Business District and downtown. No doubt, this heavily traveled corridor will be a path that many Olympic visitors will be taking upon their arrival to the city. Thus, the government's desire to beautify the landscaping on this approach to Beijing should come as no surprise.

Where you find beautiful landscaping, you're certain to find Hunter irrigation products. And that's certainly the case at this spectacular project in Beijing. The project originally started with a manual irrigation system and has since been upgraded to battery-operated wireless control with Hunter's **Wireless Valve System**. The system also features over 3,000 of the world's most popular rotors—the **PGP**®—along with dozens of **Pro-Spray**® heads.

How these sprinklers were chosen was certainly proof that the products were judged on their performance and not just their brand name.

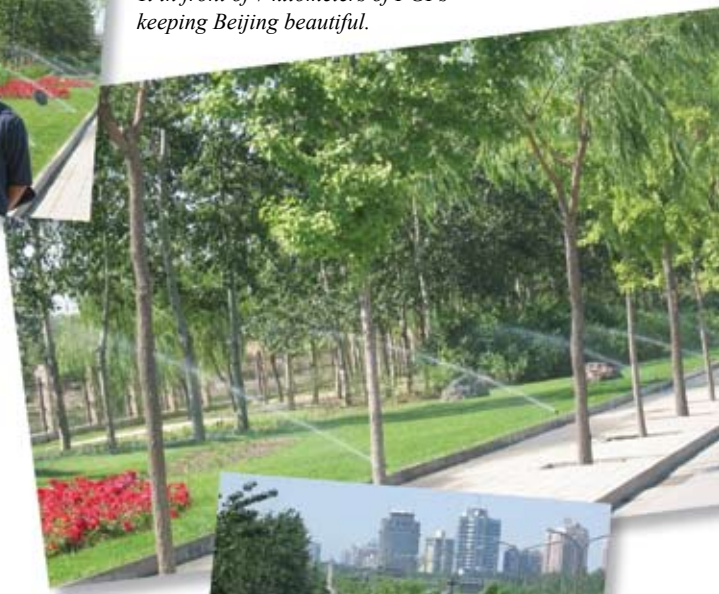
Before the construction, local officials visited many irrigation installations to compare the brands and products. At Beijing University, they had expected to see sprinklers from one of Hunter's main competitors but were surprised to learn that more than 90% of the original heads had been changed to Hunter PGP. When they asked an irrigation worker why, he said: "I don't know what brands they are because I do not understand any of the English lettering on them. What I can tell you is that the old ones had problems with non-rotation and leaking, but the new ones don't."

The officials believed their own eyes and made the right decision, which has been verified by PGP's quality and reliability, not to mention the superior support of Hunter sales and customer service.

The project was installed by Beijing Fangyuan Luye Landscape Engineering Co., and since this project, they have installed many more Hunter systems. "It's not like before," said Mr. Zhao Donghai, company general manager. "I've had no any angry calls from the customers since I started using Hunter products." ■



Hunter Regional Manager Mr. Zhiqian Yi in front of 7 kilometers of PGPs keeping Beijing beautiful.



### Resort Hotel Creates Lush Oasis While Saving Water



In the United Arab Emirates, Hunter has long been playing a vital role in creating and sustaining lush landscapes under what can only be described as challenging climate and soil conditions. The most recent example is the magnificent manicured surroundings of the luxurious Park Hyatt Hotel and Resort, a new waterfront retreat nestled within the prestigious Dubai Creek Golf and Yacht Club.

"For projects in the UAE, every product must be designed with extreme efficiency in mind to make the most of the area's valuable water resources, while delivering dependable performance day in and day out," said Hunter's regional manager, Hanna Zaidan. "Landscaping expectations here demand the very best."

Working with MEAC (Hunter's UAE distributor), Desert Landscape Co. of Dubai was selected as the installation company to help transform the hotel grounds into an "oasis" in this desert environment. The trio of

*continued on page 2*

*Water efficiency and reliability are priorities at the beautiful Park Hyatt Resort.*



# High-Traffic Municipal Roadway Finds Vandal-Resistant Irrigation System



Within only one year of its completion in mid-2004, the Consorcio Via Verde—the central motorway through Santiago, Chile—suffered such a high rate of vandalism to its automated landscape irrigation system that the Ministry of Public Works (MOP) opened a project asking for a wireless solution to replace the traditional cable signal system.

In responding to the project, Andina de Riego S.A. (working in conjunction with Paisajistas Asociados) developed a detailed design proposal mapping out each valve location within a project area that covered about 50 hectares of roadway landscaping.

With damage to the original system so extensive it was practically impossible to use the original components, a field test was carried out in the areas with the highest levels of vandalism. Hunter's **WVC-200**, a battery-operated two-station wireless valve controller that can be remote-controlled from up to 30 meters away was used to operate two Hunter **PGV-151** valves.

The test installation was done quickly, since there was no need to replace the solenoid valves. These were installed with their respective valve boxes, which were then covered with almost 15 cm of soil ready for the turf, keeping all installed components hidden safely underground to make them more vandal-resistant.

The irrigation schedule was then transmitted by the Hunter WVP hand-held programmer to the installed WVC controller. Shortly after the information transfer was complete, the irrigation program started to operate automatically. The successful demonstration was confirmed by an MOP supervisor, who then gave the Hunter wireless system his full approval.

So far, about 136 Hunter WVC-200 (two-station) wireless valve controllers, and 28 **WVC-400** (four-station) wireless valve controllers have been installed to remotely operate a total of 254 Hunter PGV-151 valves. To date, seven project sections have been completed. Four more sections are scheduled for completion, which calls for the installation of an additional 147 WVC controllers.

*With the first phase of this successful project complete, Hunter's wireless solution has been incorporated as a design requirement for similar projects tendered by the MOP going forward. ■*

*For the complete version of this story, visit our web site at [www.HunterIndustries.com](http://www.HunterIndustries.com)*



*With vandalism to irrigation components eliminated, Santiago's highway landscaping stays lush and green.*

# Legendary Host Course for '07 Open Upgrades to TTS G800 Rotors



Every year, the golf world focuses its collective eyes on the one tournament that is revered above all others—the event known simply as “The Open.”

Rotating amongst a handful of select courses across Britain, The Open will make its seventh visit to Carnoustie in 2007, the first since the infamous 1999 Open.

Golf fans—as well as those who simply enjoy watching others self-destruct—will recall that Open as the time where Frenchman Jan Van de Velde had the sport's greatest single-hole collapse. Needing only a six on the final hole to secure the title, he erred his way to a seven and, ultimately, lost the title in a playoff.

When the world's greatest golfers return to the east coast of Scotland next year, they will find a Carnoustie course with considerably better irrigation in place than when they were last here in '99.

Since then, a complete irrigation system overhaul was performed. The general system covered a 54-hole site, including all new components for the 18-hole Championship course, mainline pipe replacement to the Burnside and Buddon courses, and a new variable speed pumping plant added to feed all three.

As primary rotary sprinkler choice, Hunter's **TTS G800** Series was chosen. “We selected the rotors because of their unique total top-serviceability,



**Hunter's New TTS-G900 Rotor**

including a replaceable rock screen and valve seat,” said Carnoustie Links Superintendent John Philip, who has been awarded an MBE (Member of the British Empire) by Queen Elizabeth for his contributions to the sport of golf. “We also were impressed by the flange compartment in which the decoders have been placed. This eliminates those

unsightly extra valve boxes often seen on golf courses.”

In the true spirit of competition—after all, this is a course that hosts The

Open—there was a “playoff” between competitors in order to see which brand of irrigation products would “make the cut” and be installed as part of a



*Hunter TTS-G800 Rotor.*

new system. On Carnoustie's new large putting green, products from all the major golf manufacturers were put in and given a chance to go head-to-head for a season of field testing to see which performed the best.

In the end, Hunter's products outshone the rest. These electric valve-in-head rotors—over 700 of them (as well as more than 370 smaller block-type **G70** Series rotors)—continue to perform admirably, providing exceptional versatility with a wide range of flow and radius capabilities, while delivering the ultimate in distribution uniformity.

Today, Hunter has expanded their line of TTS rotors with the advent of the **G900** Series. This latest product brings total top serviceability to an even greater range, as these rotors boast a distance of throw of up to 29 meters.

Like Van de Velde before them, Hunter rotors have left an indelible mark on Carnoustie, albeit in an entirely different manner. But, the common bond, one might agree, is that both their performances could be considered “above par.” ■

## Lush Oasis

*continued from page 1*

companies agreed upon the choice of a wide selection of high-performance Hunter products—a complete system of Hunter sprays, rotors, controllers, and valves—to be used for the Park Hyatt project, which covers approximately 40,000 square meters.

More than 1,000 **pressure-regulated Institutional Sprays** were installed for maximum water efficiency, along with about 200 **PGP® rotary sprinklers**. The resort's carefully calculated watering schedule is controlled by two **modular ICC commercial-grade controllers** (which are fully expandable to 32 stations each), weather-based programming, and remote central control. Completing the system are about 45 **HBV self-cleaning brass valves**, designed to handle the most extreme conditions.

Working within the critical requirements of pressure regulation, sprinkler and system reliability, and overall water efficiency, Hunter irrigation products are providing a welcome solution to the problems of turning a parched landscape into a lush one. Here at one of Dubai's newest

and most upscale resorts, even if guests never give the irrigation system a second thought, they are certain to appreciate the pristine landscaping and green spaces. ■



**"Landscaping expectations here demand the very best."**

*Hanna Zaidan*

## TECH CORNER

# Wireless Device Operation and Installation Tips



Adding a Wireless Rain-Clik™ is a great addition to an existing irrigation system. You can save precious resources by shutting down operation of your system at the first sign of rain... and you can install the sensor quickly and easily with no ladders needed and no messy wires to hide. Simply mount the transmitter on any surface where it will be exposed to unobstructed rainfall, but out of direct sunlight and not in the path of sprinkler spray.

For proper mounting and wiring details, consult your Wireless Rain-Clik owners manual or visit the Hunter website at [www.HunterIndustries.com](http://www.HunterIndustries.com). Beyond the typical installation of receiver and transmitter, the following operating guidelines are helpful when dealing with radio devices:

- **Always consider the environment** before selecting a wireless device. Is there a clear line of sight within the prescribed operating range? Are there obstructions such as metal buildings or overhead wires?
- **Never mount a wireless device near a fuse panel**, air conditioning unit, pool and spa equipment, well pump, or any other area where a motor may create electrical interference.
- **If possible, mount the SmartPort® connection to an outside wall** to improve communication range.
- **Mount the wireless unit as high as possible**, such as on a roof eave. Moisture and metal are the biggest impeders of wireless communication.
- **Make sure the “soft” antenna on any wireless device is extended** and not wrapped around anything, especially a metal tube or pipe.
- **Never shorten or lengthen a wireless antenna.** It is factory set for optimum performance.
- **Use hand-held remote control devices in an upright position** instead of pointed at the controller like a television remote (which is an infrared optical device). The remote will operate better. ■

[WWW.HUNTERINDUSTRIES.COM](http://WWW.HUNTERINDUSTRIES.COM)

## Save A Tree!

Send us your e-mail address so we can send you Headlines on-line faster and easier. e-mail your request to: [BPedler@HunterIndustries.com](mailto:BPedler@HunterIndustries.com)

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We welcome your comments on this publication



## IN THIS ISSUE



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 More Beautiful



A Lush Water-Saving  
 Desert Oasis?



Making Highway  
 Irrigation  
 Vandal-Resistant

[www.HunterIndustries.com](http://www.HunterIndustries.com)

## Bringing You More Irrigation Innovations

This past year has been a very busy one at Hunter Industries. In addition to continually updating and improving our existing products to make them the best they can be, we're also continually expanding our product line. Here's a quick list of all the products that Hunter has recently introduced:



Find out more by requesting a Hunter Products Catalog or go on line at [www.hunterindustries.com](http://www.hunterindustries.com)



### XC Indoor/Outdoor Controller

This tough controller features extra flexibility, power, features, and memory



### ET System

Gathers weather data on site, continuously self-adjusts to calculate the ideal program for your landscape



### AGC Controller

A new approach to the traditional golf controller, featuring an information-packed, video-like display

### ACC Controller with Flow Sensing

Hunter's most powerful controller for command of large and sophisticated sites



### 15 cm I-31 & I-41

An additional 5 cm of pop-up makes these rotors the ideal choice for taller cuts of turf



### ACC Decoder Controller

The two-wire decoder version of ACC for control of up to 99 stations; makes large systems more affordable and efficient to install



### 5 cm & 7.5 cm Pro-Spray®

Two new pop-up heights bring the total number of Pro-Spray model choices to six



### WVC-100 & SVC-200

Two new models (single-station WVC, 2-station SVC) in Hunter's battery-operated controller line-up

