

# Irrigation for a Greener Tomorrow



Spring 2011  
Residential Edition

## University Sprinklers is Proud to Provide Irrigation for LEED Certified Olympic Venues



University Sprinklers is proud to have been trusted with the task of contributing to the design and installation of irrigation systems at LEED (Leadership in Energy & Environmental Design) Certified Olympic venues, including the Richmond Olympic Oval and the Whistler Athletes' Village. At the Richmond Olympic Oval, the roof doubles as a

massive rainfall recovery system. The water is diverted into an onsite pond which in turn feeds the irrigation system. At the Whistler Athletes' Village, various water saving methods are used, including drip irrigation (very efficient), PRS pop up heads, which use less water than conventional heads, and superior U-Series Rain Bird nozzles, which disperse water more efficiently.

## Community Commitment: The Richmond Fruit Tree Sharing Project

Over the last few years, we have donated in the neighbourhood of \$25 000 in parts and labour in order to provide irrigation for the Richmond Fruit Tree Sharing Project, a very worthwhile

volunteer endeavour which continues to provide fresh produce to local food banks.



## We Are Investing in a Greener Tomorrow, Today!

As our population grows and our environmental awareness increases, the importance of using our water supply responsibly has become increasingly apparent. Now we can help you save money on your water bill

and improve plant health in the process, thanks to new, simple to install products that help determine the water requirements for your particular landscape and irrigate accordingly.

In the past, time-based controllers have been limited in their ability to use water efficiently, because they irrigate on a preset schedule, regardless of



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# the Continued Commitment

Certifications and industry-wide recognition have always been important to us. University Sprinklers as a company is recognized as a Certified Irrigation Contractor in both the Commercial and Residential fields.

We are also strongly committed to keeping our employees at the head of the pack when it comes to training and education, and we are very proud to be able to say that we have more employees with Irrigation Association certifications than any other company in Canada, so you can be sure that your irrigation and landscape lighting systems will be expertly designed and installed by well trained, highly qualified professionals. We have...

- Certified Irrigation Designer Commercial - 3
- Certified Irrigation Designer Residential - 10
- Certified Irrigation Designer Trickle - 1
- Certified Irrigation Technician Level 1 - 20
- Certified Irrigation Technician Level 2 - 14
- Certified Landscape Irrigation Auditor - 2
- Certified Low Voltage Electrician - 7
- Certified Cross Connection Specialist - 9
- Certified Irrigation Scheduler - 4
- Accredited Rain Water Harvester - 1



## A Greener Tomorrow

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whether or not your landscape actually needs more water. This can be especially problematic when the controller is using the same preset schedule in the relative cool of April as it is in the summer heat of July. Weather-based controllers, on the other hand, use real-time weather data, as well as important information about your plants and soil conditions, to decide when and how much to water. Use of this technology has been shown repeatedly to result in substantial savings of both water and money.

### Rain Bird's SMT Controller

Ideal for most residential systems, the new Rain Bird SMT controller uses a combination of historical weather data and real-time temperature and rainfall measurements to decide when and how much to water your landscape. If you already have an ESP Modular timer, a retrofit is usually as easy as replacing the faceplate and hooking up a couple of wires for the weather station.



### The ET Manager™ Cartridge for ESP-LX Controllers

More suitable for large residential and commercial systems, the ET Manager™ Cartridge can easily retrofit into any ESP-LX Modular controller. Unlike the SMT controller, the ET Manager™ takes real-time weather data from a sophisticated network of state-of-the-art weather stations measuring not just temperature and rainfall, but solar radiation, humidity, and wind speed. And it's all wireless!

We are committed to this technology and the central role it will play in the irrigation industry in the coming years. We have established our own Lower Mainland-wide network of remotely reporting weather sta-



tions. This allows us to provide accurate, real-time weather data to the SMT Controllers we install. With the ET Manager™, water savings of 20-50% can usually be expected, and additional programming options offer exceptional flexibility of control over your irrigation system. There is an annual fee for weather data.

## Water Conservation Tip:

**If you're thinking about having your lawn and/or gardens redone, put down 8 to 12 inches of topsoil, as this will encourage a deeper root system and good soil is great for storing water that is readily available to a plant's root system.**

### Rain Bird Introduces a New Wireless Rain Sensor

Our partners at Rain Bird have introduced a new wireless rain sensor that eliminates the need for unsightly wiring between your irrigation controller and the sensor. Because it's wireless, it's also fast and easy for us to install. The sensor can be set to shut your system off when a predetermined level of rainfall is measured, including a setting to stop irrigation when even the smallest amount of rainfall is detected. Learn more: [www.universitysprinklers.com](http://www.universitysprinklers.com).

### Great for Abbotsford Residents: Capture Rain Water for Use in Your Irrigation System!

One great way to save water and money is by installing a cistern on your property to capture rain water that can later be used by your irrigation system by means of a pump. It's simply a matter of diverting the rain-water would normally drain off your roof and other hardscapes

into the sewer system into sensibly located cisterns instead. We can calculate the best sized cistern for you based on the water requirements of your irrigation system and the particular dimensions of your landscape. We can install it either above ground, or in a more aesthetically pleasing below ground location. There are many advantages to incorporating a cistern into your irrigation system: cisterns help to reduce demand on our reservoirs, rain water is chlorine-free, and if you're on a water meter, then captured rainfall represents free water! We can also easily design a system that switches over to the city water supply when your cistern is empty.



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### Metro Vancouver Lawn Sprinkling Regulations (June - September)

Odd-numbered addresses:  
Thurs. & Sun.  
4AM - 9AM & 7PM - 10PM

Even-numbered addresses:  
Wed. & Sat.  
4AM - 9AM & 7PM - 10PM