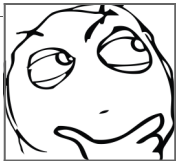


WATERWELL NEWSLETTER

Spring 2013

4985 Fisher, St-Laurent, QC H4T 1J8



WHAT GOES AROUND THE WORLD BUT STAYS IN A CORNER?

Marks desk: Half of all the water put on lawns each year is wasted through evaporation or over watering, according to the Environmental Protection Agency. The EPA estimate of the waste is a staggering figure: 1.5 billion gallons each day. Water is a finite resource: fresh water only accounts for 1% of the world's water, saltwater makes up 97%, and snow and icebergs 2%. This is something that we are all responsible to preserve and use respectfully. Waterwell has been doing what we referred to as 'Inspections' for years now. The new term for this is called a 'Water Audit'. Granted these audits are more encompassing; they included visual inspections and quantified research. Thus we have renamed our inspections in the packages we offer to reflect this. Our audits will include the same previous visual aspects as well as many new ones. We are working on being accredited for the quantified portion.

What is an irrigation audit?

An irrigation audit is the method of inspecting and measuring how effective the sprinklers are working together to apply the water within each individual irrigation zone or test area.

Results?

Are compiled and used in combination with other observations and measurements to facilitate irrigation management.

Implementation?

With the results of the audit we are required to implement these recommendations to optimize the irrigation system. An audit is not something you do once a year and then forget about. Irrigation systems must be managed consistently and regularly to account for the changes that happen in the weather and the landscape, not mention vandalism and routine maintenance.

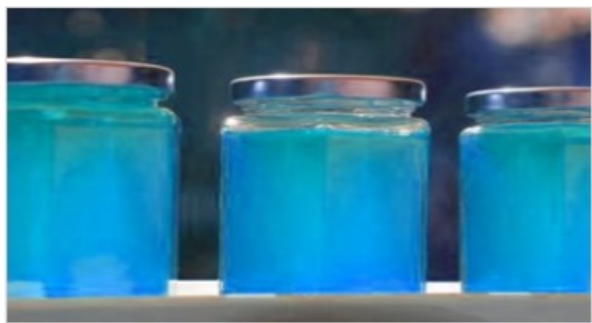
An efficient irrigation system is affected by four major components:

1. The correct selection of equipment and design, ie. even coverage and efficient use.
2. Proper installation, ie. depth of pipes/wires, location of runs, as built plans.
3. Long-term maintenance practices, ie. maintain proper head depth and straightness, plant growth
4. Management of the system, ie. monitoring of water times per zone throughout the year.

Improved efficiency as a result of a properly performed irrigation audit provides the following:

1. A reduction in water use and consequently financial savings.
2. A more consistent distribution resulting in fewer wet and dry spots.
3. A smaller amount of water wasted below the root zone.
4. Less of a need for fertilizers and chemicals.
5. Less runoff.

Simply owning an irrigation system often leads to the misconception that healthy plant and grass watering is being generated. Like anything else, if you want something to operate effectively and efficiently, have an increased life span and produce proper results, it requires regular maintenance and upkeep. A basic opening and closing of your sprinkler system is not considered to be upkeep.



Did you know.....
French honey
has
the blues!



One might have wondered what kind of exotic plant was producing blue and green honey in the French town of *Ribeauville*. Well the mystery has been solved and there is nothing exotic about it. It would seem that honey bee's like their human counter parts have a taste for M & M's. The bees journeyed some 2.5 miles away from their apiaries to collect the colorful sweet remains from the biogas plant that Mars uses to process their waste. Once the source of the problem was recognized, quick action was taken to avoid this problem in the future. Although there would seem to be nothing that would prohibit us from eating the vibrant honey it does not follow the guidelines for honey production which must come from plants and not chocolate factories. Another blow for beekeepers who have already been suffering from severe drops in the honeybee population. I wonder what Darwin's take on this would be. Evolution at work? It's a theory anyway.

Backflow preventer!

More and more cities are requiring homes to have these to protect the drinking water. It just makes sense you wouldn't want your irrigation water coming out your kitchen tap would you? As an example when water pressure drops possibly from a break in the city line or if they are flushing out the pipes your irrigation system water could very well back into your drinking water. We have for years installed a dual check valve-backflow automatically on our systems but if we didn't install your system you very well might not have one. Last year the city of Beaconsfield passed a law that by 2015. All homes must have a backflow preventer. Check with your municipality bylaws and see if one is required. If it isn't yet a bylaw in your area it's a simple procedure to install one and have peace of mind that the water you are drinking didn't come from the hot tub! If you aren't sure if you have one the next time you have a plumber or one of your technicians at your home ask them to check.



*Answer to riddle:
A stamp :)*

Awards

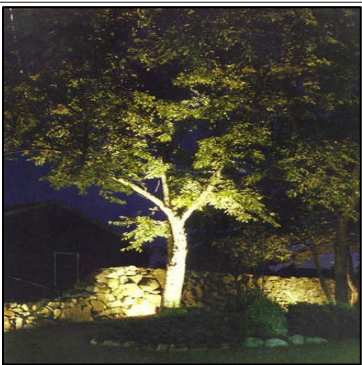
2012 season was 5 years of service for two of our employees.
Nourdine Dars and Steve Kushnerick received their gold watch their years of service.

EMPLOYMENT OPPORTUNITIES

Applications are now being accepted for Irrigation Technicians.
No experience required.
We are looking for bilingual individuals who have a valid driver's license.
Send your CV to:
michelle@waterwellirrigation.com



*LET US LIGHT UP
YOUR NIGHTS
Discover the hidden beauty
of your own backyard
For more information, please call
(514) 333-0808*



Paperless the new trend

We have achieved our goal of having our technicians use tablets rather than work orders. This will include many benefits for you the customer. Faster service through e-mailing as well as easier reporting, and communication. Our technicians will also be able to view more of the site history such as previous repairs, have access of plans and be able to update plans. The tablets will be GPS ready and will aid in navigation as well as giving us the capability of knowing where all the technicians are. We are very excited at this new development and have endless possibilities for future add-ons.
This application will be adapted for resale and is good for all service oriented business, call us if you are interested.

Tips for customers with submersible pumps

A quick reminder for anyone who has a submersible pump as a water source for their irrigation system. Being at the mercy of the water level is a term you may have heard over the years at Waterwell. As you are certainly aware, each year is different from the next and the results are sometimes night and day when it comes to the nature of your lake/river. Each spring we try our best to install the pump in the water at an ideal location, ie. depth/away from swampy locations, etc... If the water level is too high in the spring, then usually we install it close to the shore, rather than swim out as far as we can and just let go, praying the pump lands on its head! As the water level decreases during the summer, we usually need to extend the suction line and pump to a deeper location. It is very important that if you ever see the bazooka (the giant white thing with two arms) sticking out of the water, for whatever reason (decrease in water level, storm, boating, etc...), to immediately turn your timer to 'Off' AND turn off the breaker before calling us. If you do not know where your breaker for your pump is, please tell us at the opening and we will show you and tag it, if it is not already done. Failing to be just a little observant may result in your pump sucking in air and/or overheating the motor, burning your motor control or ultimately resulting in the need of a completely new pump, which is pretty pricey. It is highly recommended cleaning your manifold filter every two weeks for maximum pressure to incur if your water is muddy/dirty or there is often a lot of traffic/activity. New to this season, we will be offering irrigation audits, and although it requires two technicians to be able to go into the water, we feel it would be a wise investment. We would be able to clean all filters on land and in the water, verify the depth of the pump, re-secure suction lines that may have popped out of the water and do any adjusting that is required.

