

Monthly Magazine
January 2009 Edition

AQUA D' EXPRESS



Md's Desk

Dear All,

The year 2009 started with a bang and for the first time in Aqua Designs history, Pongal was celebrated in style with all traditional flavors involved. It was great to see all Staff in traditional attire which showed their involvement. I expect to see such events organized in future too.

This year started with our first order from our Military Services. I want the Project Team in charge of this prestigious and big Project to execute it crisp and time bound as our Military is famous for.

Also this year, a social cause was initiated as in the past by way of contributing to Akshaya Trust, the home for the aged as part of Republic Day celebration. The overwhelming response shown by our Staff with their generous contribution stood as proof for the involvement Aqua Designs shows for social causes. My appreciation to all on the worthwhile contribution.

During this period of recession, the contribution of junior staff in bringing about cost effective decisions was highly commendable and I take great pleasure in rewarding our associates who come up with such innovative cost management ideas. I wish the HR Dept will initiate more rewards in future for other special achievements shown by our Staff as part of motivation and encouragement. Well done winners.

Regards,



S. Suthakar
Managing Director

EVENTS OF THE MONTH

PONGAL CELEBRATION

Aqua Designs celebrated Pongal with grandeur and style. All staff came dressed in traditional attire. Preparation of Pongal and traditional games were organized making the occasion a gala event.



REPUBLIC DAY CELEBRATION AT AKSHAYA TRUST

Aqua Designs celebrated Republic Day with the old inmates of Akshaya Trust.. With the contribution of all staff of Aqua Designs, provisions for almost 3 months were given to the trust. The day with the inmates went cheerfully with prayer songs, games and a sumptuous lunch to all.



APPRECIATION AWARD

Mr. Kathir, Mr. Anandhan and Mr. Kumaraguru were given cash award and corporate gifts in appreciation for the excellent cost management shown in their work.

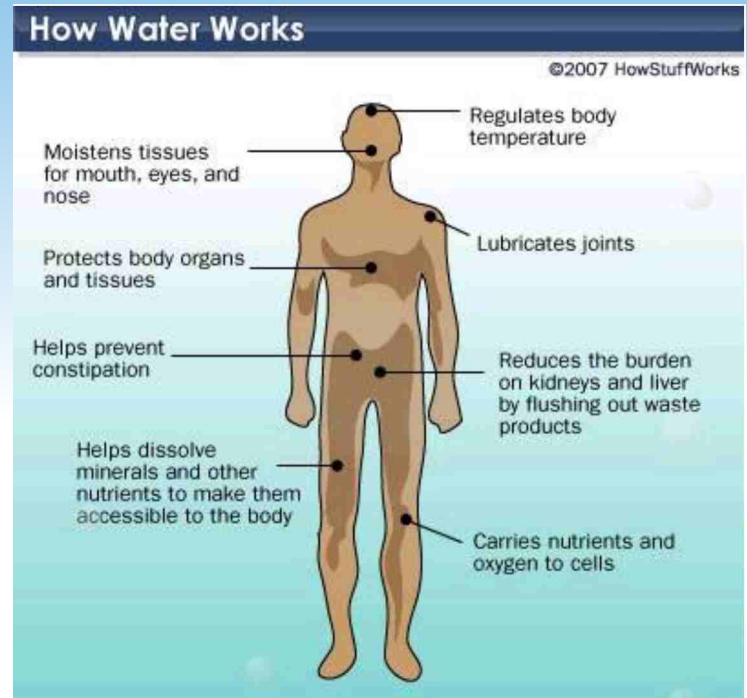


STAR PERFORMER OF THIS MONTH



Living without water

Now that we've established that food is something we can do without for a reasonable amount of time, we can move on to water. Living without water is very different from living without food. In hot conditions with no water, dehydration can set in within an hour. A baby locked in a hot car or someone who is physically overexerted in the heat without replacing fluids can actually die in a period of several hours.



Humans need water to live, plain and simple. We lose water through sweat, urine, feces and even breathing. This water needs to be replaced in order for our organs to continue to work properly. In severe heat, an adult can lose as much as 1.5 liters of water through sweat alone [source: Scientific American]. The main risk without water in high heat is that your body temperature will continue to rise and you'll suffer from heat stroke. Drinking water will cool you down and lower your core temperature.

With mild dehydration, you'll experience the following:

- Lack of saliva
- Decreased frequency of urine
- Decreased output of urine
- Deep color and strong odor in urine

Moderate dehydration:

- Even less urine
- Dry mouth
- Dry and sunken eyes
- Rapid heartbeat

Severe dehydration:

- No urine
- Lethargy and irritability
- Vomiting and diarrhea

The final stage of dehydration is shock. This is characterized by blue-gray skin that's cold to the touch. A severe drop in blood pressure produces this coolness.

Now back to the question at hand. How long can you go without water? Assuming you're in reasonable shape and in ideal conditions -- that is, not in the heat or cold and not exerting, a human can probably live for about 3 to 5 days without any water. Healthier humans can live another day or so longer.

This isn't something you should test. While people may fast or try a body cleanse without food, you should absolutely never go without water for more than a day. The Mayo Clinic recommends drinking about eight cups of water a day, although there's some debate about this number [source: Mayo Clinic]. Some physicians say less is fine, while others say the number should be closer to 10 cups or even more

IN-HOUSE COMPUTER WIZARD SPEAKING...

Google Chrome is a browser that combines a minimal design with sophisticated technology to make the web faster, safer, and easier.

Those who are used to using menus and toolbars may at first find Chrome a little bit difficult to use because of the very simple design. In this article, you will find useful keyboard shortcuts that help you browse the internet smoother with Chrome. Most of the shortcuts are the same to Firefox, you will find them familiar to use quickly



1. Control + Shift + N opens an 'incognito' window - sites you view in this window won't appear in your history and cookies served by sites in this window will be deleted when the window is closed.
2. Alt + Home loads your Google Chrome home page, with thumbnails of your most visited sites shown in the active tabbed window
3. Control + T opens a new tab. You can drag tabs around to change their order or drag a tab out of the window into its own window
4. Control + Shift + T opens your most recently closed tab. Press the key combination again to open the tab closed before that one. Google Chrome remembers the last 10 tabs you've closed.
5. Jump to different open tabs using Control + 1, Control + 2, Control + 3, etc. Control + 9 takes you to the last tab
6. Control + Tab lets you cycle through your open tabs in order
7. Control + Shift + Tab cycles through your tabs in the opposite order
8. Control + B hides the Google Chrome bookmarks bar. Press Control + B to bring it back again
9. Control + H is a faster way to bring up the History page
10. Control + J brings up your Downloads page
11. Press Control + K or Control + E to search from the address bar. Once pressed, you'll see a ? symbol appear in the address bar and you can simply enter your search query and hit Return
12. Shift + Escape is a quicker way to bring up the Google Chrome Task manager

Basic Terms of Maintenance, Operations and System Components

Aerobic with oxygen

Air breaker valve A special valve designed to totally isolate fire water from potable water when they share a common source

Anaerobically without oxygen

Biodegradable Capable of being decomposed by biological agents, especially bacteria

Check valve a valve which only allows fluid to flow in one direction

Chlorine A highly irritating element, capable of combining with nearly all other elements, used widely to purify water and serve as a disinfectant

Disinfectant An agent, such as heat, radiation, or a chemical, that destroys, neutralizes, or inhibits the growth of disease-carrying microorganisms

Educator A device used to mix fire foam into flowing water using the vacuum produced as the main stream flows past the foam inlet nozzle.

Effluent A discharge of liquid waste

Filtration The removal of microscopic particles by passing a liquid through a filtering medium

Flocculation/sedimentation processes that combine or coagulate small particles into larger particles, which settle out of the water as sediment

Gpm Gallons per minute

Industrial wastewater Water derived from industrial sources or processes

Milliscreen A super fine mesh screen

Ozone a highly reactive oxidizing agent used to deodorize air, purify water, and treat industrial wastes

Pathogen An agent that causes disease, especially a living microorganism such as a bacterium or fungus

Potable water Water of high quality intended for drinking, cooking, and cleaning. This grade of water would conform to the drinking water quality

Precipitate A solid or separated from a solution

Reflash or reignition the reignition of a burning liquid or gas which has been extinguished. Caused by hot metal or small fires hidden in hard to locate parts of equipment that was involved in a fire and not readily accessible to fire foam

Sludge Semisolid material precipitated by sewage treatment

Ultraviolet radiation Light produced by the sun or artificially in the ultraviolet spectrum. A powerful disinfectant

Wastewater Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result. Wastewater is generally 98 to 99 percent water and one to two percent waste

Water reclamation A treatment process or processes to produce reclaimed water

New Comers In Aqua Designs



Mr. A.R. Srikanth has joined as Deputy Manager Commissioning and has around 13 Years of Experience in the Field of Erection & Commissioning.

Mr. Avinash Sashee has joined our team as Executive- System and is qualified in SAP B1 and is a Certified SAP Associate



Mr. Kalluri Balasubramaniam has joined our team as Deputy Manager- Projects and has around 9 Years of Experience in the Field of E&C of WWTP in various Industries.

New Projects



MES Avadi (STP)

Mmilitary Engineering Services (MES) is the largest construction agency in the country. MES provides multifarious engineering services such as urban development, architectural design, geotechnical engineering, docks and harbours, hospital planning and design, factory complexes, electrical energy management, refrigerator and air conditioning, environmental engineering operations and maintenance and repair and rehabilitation. Aqua Designs has bagged the prestigious order of providing two 500 KLD Sewage Treatment Plant .



*Chain of People moving to
Aqua Designs "MBR technology" for
Clear Advantages!.. Clean Water!..*



Aqua Designs India Limited

Off 200 Feet Road, Kolathur, Chennai - 600 099, India.

Phone : +91 44 37171717, Fax : +91 44 37171737.

Web : www.aquadesigns.in, Email : sales@aquadesigns.in