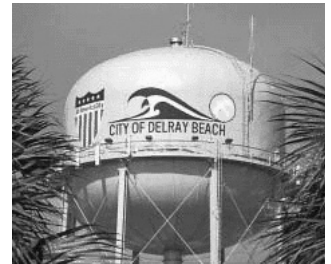




THE LIFE CYCLE OF WATER

Where does our drinking water come from?

Palm Beach County has two major aquifer systems, the shallower Surficial Aquifer System (SAS) and a deeper Floridian Aquifer System (FAS). All of the City's water supply wells are drilled into the SAS. The SAS is recharged locally by rainwater that percolates downward from the surface as well as through the area's canals. The City is permitted by the South Florida Water Management District (SFWMD) to withdraw water from the SAS through four (4) well fields that contain 30 active, raw water production wells. Water from these wells is pumped to the City's Water Treatment Plant (WTP) for treatment and disinfection before it is distributed for consumption. The treatment process consists of aeration, pre-chlorination, chemical treatment and filtration that meets and/or exceeds rigorous local and federal standards. Once the water is treated (a.k.a. "Finished Water"), it is then either pumped into the City's underground distribution system for customer use or to our storage tanks and reservoirs for use at a later date. The City has partnered with the Environmental Protection Agency's (EPA) WaterSense program to actively promote water conservation within our community. For TIPS on ways that you can make a difference, please visit <http://www.epa.gov/watersense/>.



Where does the water go after it is consumed/used?

After you consume/use water (i.e., sinks, showers/baths, toilets), it is returned to the City through a network of underground pipes, manholes, lift stations and force mains. The ultimate destination of this "wastewater" is the South Central Regional Wastewater Treatment Plant (SCRWWTP), which is a long-standing green and sustainable partnership between the City of Delray Beach and the City of Boynton Beach. At the SCRWWTP plant, the collected wastewater is chemically treated in accordance with strict state standards that allow it to then be re-distributed to customers for irrigation use only. This reclaimed water returns to the area's aquifers through the natural percolation process and eventually becomes available for withdrawal from the aquifer. The remaining treated wastewater is then injected into a deep well that will eventually percolate into the aquifers. Delray Beach has recently become the first South Florida city to comply with state regulations to stop its long standing practice of injecting wastewater directly into the Atlantic Ocean (except under emergency conditions). This effort, which was completed approximately 10 years ahead of schedule, has helped to reduce potential pollution concerns and ensure the beauty of our pristine beaches. Finally, the solid (sludge) byproduct that results from the treatment process receives additional treatment and processing and is developed into a component used in fertilizer. Additional information on the City's water treatment process can be found at www.mydelraybeach.com by selecting *Public Utilities* under *Environmental Services*.

What happens to rainwater (i.e., Stormwater) that goes down the drain?

Rainwater that "runs off" from our streets, sidewalks and other impervious areas is called Stormwater. This runoff washes dirt, grass clippings, pesticides, fertilizers, car oils and other potential pollutants into street inlets (drains) and underground pipes, which is then deposited directly into local canals, ponds, groundwater, the Intracoastal and the Atlantic Ocean. It should be noted that this type of water is not treated before it reaches these bodies of water, which creates potential environmental concerns or non-point source pollution (a.k.a. Pointless Personal Pollution). Polluted water hurts our wildlife. Dirt from erosion, also called sediment, covers up fish habitats. Fertilizers can cause algae to grow, which hurts wildlife by using the oxygen they need to survive. Soaps damage fish skin and gills while other chemicals harm plants and animals.

Some ways that you can reduce the pollution in Stormwater and help protect our waterways include:

- Don't use fertilizers and herbicides before a rain storm
- Don't blow grass clippings and debris onto the street
- Wash your car on the grass or use car washes that recycle water
- Use eco-friendly pesticides targeted to specific pests
- Recycle used car oil
- Report illicit dumping

For additional TIPS on how you can help keep Stormwater and our waterways clean, please visit www.StormwaterAndMe.org.



HELP THE CITY GO "GREEN" – BECOME AN E-MAIL SUBSCRIBER

Residents interested in receiving City information can sign up for **free** E-mail Subscriptions. This service brings important news directly to your inbox and offers a variety of topics on City projects, activities and more. To subscribe, visit www.mydelraybeach.com and select *New Subscriber* under *E-Mail Subscriptions*. For more information, call (561) 243-7190.



CITY DIRECTORY

Delray Beach City Hall
100 NW 1st Avenue
Delray Beach, Florida 33444
General Information
(561) 243-7000

Emergency 9-1-1
Non-Emergency 243-7800
English-Spanish-Creole

Citizen Service Requests 243-7012
or www.mydelraybeach.com

Peticiones del Servicio del Ciudadano
Sëvis ke Sitwayen Bezwen

City Manager's Office 243-7010
Mayor and City Commission

Oficina del Administrador de la Ciudad
Biwo Manadjè Vil-la

Police Department 243-7888

Departamento de la Policía
Depatmin Polis

Fire Department 243-7400

Parque de Bomberos
Depatman pou Dife

City Clerk's Office 243-7050

Oficina del Actuario de la Ciudad
Biwo Komi pou Vil-la

Utility Billing 243-7100

Cargos de Utilidades
Depatman Bil Dlo/Elektrik

Water/Sewer Maint. 243-7312

Mantenimiento del Agua y Alcantarilla
Depatman pou Pwòpte Dlo avèk Egou

PBC Animal Control 276-1344

Mando de Animales
Depatman Ki An Chaj Zannimo

Jobline 243-6201

Linea de Trabajos
Liy Telefòn pou Jwenn Travay

Parks & Recreation 243-7250

Parques y Recreación
Depatman Pak & Rekreyasyon

Municipal Golf Course 243-7380

Campo de Golf Municipal
Magazen Golf

www.mydelraybeach.com
www.twitter.com/citydelraybeach



PROJECTS, UPDATES & REMINDERS



New City Telephone Agreement to Save \$35,000 Annually - The City Commission recently approved a new telephone services contract with AT&T that is estimated to save the City **approximately \$35,000 annually over the next three (3) years**. This new Agreement provides telephone services and support to thirty-eight (38) City facilities as well as six (6) business lines supporting the Lakeview Golf Course.

Grant Funding Assists in Police Department Electric Savings of \$30,000 Annually - The Police Department is expecting **electric savings of almost \$30,000 annually** due to the installation of energy efficient improvements and conservation efforts by staff. These improvements, which are funded with Federal Stimulus dollars - Energy Efficiency & Conservation Block Grant (EECBG) - include replacing approximately 226 existing overhead lights with T-8 bulbs and electronic ballasts and installing motion sensors throughout the building. The City has planned to implement similar energy efficient improvements in all City facilities (which will also be funded by the EECBG Federal grant) that are expected to lower the City's overall electric bill.

Eagle Nest II Green Housing Project - The City of Delray Beach and the Atlantic High School Construction Academy, with the support of the Delray Beach Community Redevelopment Agency (CRA), held a groundbreaking ceremony on October 27th to celebrate the construction of the second *Eagle Nest* House at 232 NW 8th Avenue. This project partners students with City staff, a local architect and contractors to design and build an affordable home in our community that incorporates "green" standards. The home site was donated by the City of Delray Beach and the CRA will assist in funding the project's construction with a \$130,000 loan. For more information, contact Amanda Orndorff (Atlantic High School) at (561) 266-0900 or E-mail at chapmana@palmbeach.k12.fl.us.

Adopt A Park Program - The community is invited to participate in the *Adopt A Park* program, which helps keep our community parks clean and maintained. From January 1, 2011 to December 31, 2011, individuals, civic groups and businesses may apply to *Adopt A Park* and help the City to keep it clean throughout the year. This program promotes a green and sustainable environment that requires trash pickup, graffiti reporting, weeding/raking playgrounds, sweeping shelters, cleaning picnic tables, mulching trees/shrubs, restocking doggie bags and reporting vandalism. Supplies will be provided and the City will dispose of collected debris. For more information, visit www.mydelraybeach.com and select *Programs and Activities* under *Parks and Recreation* or E-mail Alberta Gaum-Rickard at gaum@mydelraybeach.com.

Holiday Toy Drive - The Delray Citizens for Delray Police/Kids and Cops Program is again collecting, new, unwrapped toys (PLEASE! NO TOY GUNS) and store gift cards for boys and girls ages 5 to 16 years old from November 19th - December 14th. Gifts can be dropped off in specially marked boxes at the following locations: Delray Beach City Hall, all Delray Fire-Rescue Stations, Delray Beach Police Department, Delray Beach Community Center, Boston's on the Beach, the Greater Delray Beach Chamber of Commerce, Lake Ida Pharmacy, Meisner Electric Inc, Old School Square and Plastridge Insurance. Checks, made payable to the Delray Citizens for Delray Police, are appreciated and can be dropped off at the Police Department or any of the City's Fire Stations. For more information, contact Jennifer Buce at (561) 243-7138 or by E-mail at buce@mydelraybeach.com.

Dream Car Drawing To Benefit Delray Beach Schools - The Greater Delray Beach Chamber of Commerce Education Foundation will host the "Dream Car Drawing" on Friday, December 31st, at the City of Delray Beach New Year's Eve event "First Night 2011". The winner will receive a new 2010 Mercedes Benz and 100% of the proceeds will be donated to support local grants for educational and literacy programs in Delray Beach. Tickets are available at the Greater Delray Beach Chamber of Commerce or online at www.wina2010mercedes.com.

New Driver License Identification Verification Requirements - When applying for a new and/or renewing a driver's license, Federal Law requires specific, original forms of driver identification that verify citizen identification, social security numbers and two (2) forms of residential address verification. For additional driver license services, please visit the Palm Beach County Tax Collector's new Delray Beach Service Center location at 501 South Congress Avenue [Tel: (561) 355-2622] or visit their website at www.taxcollectorpbc.com.

**Celebrate New Year's Eve
at First Night 2011.**
**To view the Calendar of
Events, visit**
www.delraybeach.com