

# NMB Connects

## WATER CONSERVATION TIP

Repair dripping faucets by replacing washers.  
One drop per second wastes 2,700 gallons of water per year!



NEWS & INFORMATION

SUMMER 2006

A publication for North Miami Beach Utility Customers

## Norwood Water Treatment Plant EXPANSION PROGRAM

We are pleased to announce the construction of the Norwood Water treatment Plant Expansion Project is about 70 percent complete. Once completed, the new plant production capacity will almost double, producing up to approximately 31 million gallons per day.

In addition to the increased production capabilities, this will be the first water treatment plant in Miami-Dade County to utilize an alternative water supply source—the Floridan Aquifer. Currently all Miami-Dade water producers draw water from the Biscayne Aquifer.

The construction and development of four

Floridan Aquifer wells has been completed. These are the water supply wells for the new membrane water treatment process. Installation of five Biscayne Aquifer wells and well pumps are completed.

On the east side of the water distribution system, construction of the Public Services Department's Operations Center Water Storage Tank and Pumping Station - Phase I, is nearly 70 percent complete. The new 2 million gallon water storage tank is about 95 percent complete. Phase II of the project, which includes a screening wall to the water storage tank, is going out to bid in September 2006.

Additional water distribution infrastructure for the conveyance of potable water to our customers, mainly a 36 inch water main connecting the water treatment plant to the east side of the distribution system, including I-95 crossing, is under construction and is expected to be completed in September 2006.

### PROJECT HIGHLIGHTS

- The new 5 million gallon water storage tank is complete and in service since March 2006.
- New lime sludge thickener is about 98 percent complete and expected in service this September.
- Significant progress has also been made on other buildings: operations building, membrane process building, high service pumps building, post-treatment building, sodium hypochlorite building, and an offsite electrical building.

## Notice to all billing customers of the City of North Miami Beach Water & Wastewater Utility

Pursuant to Section 180.136, Florida Statutes

Your water utility purchases a significant amount of water delivered to you from Miami-Dade Water and Sewer Department. In addition, wastewater services are purchased through the county. Miami-Dade Water and Sewer Department is proposing to maintain current wholesale rates for the upcoming fiscal year.\*

Many utilities, including the City of North Miami Beach, budgets and bills from a total revenue sufficiency basis for the fiscal year. Rate, fee, or charge adjustments, including those described herein, are applied in the normal course of billing determinants throughout the year in the same fashion.

The Homeland Security Surcharge, necessitated by the utility's effort to employ strict security measures, will be increased \$0.30 per billing equivalent per month.

Per our utility consultant's determination, conservation blocks will be adjusted to reflect average usage, and rates will be equalized for all customer categories.

Pursuant to Ordinance No. 2001-9, a 2.74 percent annual inflation index, which is determined by the Florida Public Service Commission, as well as the proposed inplant and fireflow rates\*\*, will be considered at the public hearings scheduled for Tuesday, September 12, and Tuesday, September 26, 2006.

Both hearings will be held at the North Miami Beach City Hall beginning at 7:00 p.m., followed by a City Council meeting at

7:30 p.m. Attendance is not required; however, utility customers will have an opportunity to comment on these matters at that time.

All rates and charges described herein, if adopted by the North Miami Beach City Council, will be effective on October 1, 2006.

### City of North Miami Beach Charges for Monthly Water Service

The following are the water and wastewater rates effective for all billings on or after October 1, 2006

		Single Family / Commercial		
Monthly Consumption		Monthly Charge		Difference
FY '06	FY '07	FY '06	FY '07	
Fee for a minimum size meter		\$6.97	\$7.16****	\$0.19
0 to 10,000	0 to 7,000	\$1.86**	\$1.86**	\$0.00
11,000 to 20,000	8,000 to 12,000	\$2.07**	\$2.08**	\$0.01
over 20,000	Over 12,000	\$2.56**	\$2.58**	\$0.02
		Multi Family		
Fee for a minimum size meter		\$6.97	\$7.16****	\$0.19
0 to 9,000	0 to 5,000	\$1.68**	\$1.86**	\$0.18
10,000 to 18,000	6,000 to 9,000	\$1.88**	\$2.08**	\$0.20
over 18,000	Over 9,000	\$2.30**	\$2.58**	\$0.28
		SEWER RATES		
Fee for a minimum size meter		\$12.44	\$12.78****	\$0.34
per 1,000 gal.		\$3.68	\$3.76	\$0.08
		HOMELAND SECURITY SURCHARGE		
Fee for a minimum size meter		\$1.50	\$1.80	\$0.30

\* Should Miami-Dade County notify the city of increases in wholesale water charges, a pass-through rate adjustment to our customers will be applied.

\*\* Price per 1,000 gallons.

\*\*\* Interim rates were set by City of North Miami Beach Ordinance No. 2005-11 on July 19, 2005.

\*\*\*\* Minimum charge determined by meter size.

# Frequently Asked Hurricane-related Questions About Your Drinking Water

**Q: What is the best way to stay informed?**

**A:** By listening to the radio, watching TV, or reading your local paper. If necessary, a precautionary boil-water notice will be sent to the media for dissemination. We will also post this information on [nmbworks.com](http://nmbworks.com) or [citynmb.com](http://citynmb.com); check back often for updates.

**Q: What is a precautionary boil-water notice?**

**A:** A precautionary boil-water notice may be issued in the event of a significant loss of water pressure, a water-main break, or if bacteriological analyses of samples obtained from your water-distribution system have indicated possible contamination of the water.

**Q: Is there a proper way to boil water?**

**A:** Boil water before use, holding it at a rolling boil for at least one minute (and then cool) before drinking, washing dishes, cooking, etc. If you do not have access to a stove, see, *How to store tap water*, below.

**Q: If there is a precautionary boil-water notice, can I use tap water for showering, baths and shaving?**

**A:** When we are under a precautionary boil - water notice, the water may be used for showering, baths, shaving and washing, so long as you do not swallow or allow water in your eyes, nose or mouth. Children should be supervised to insure they do not ingest water. Even though the risk of illness is minimal, time spent bathing should be limited.

Individuals who have recent surgical wounds, are immunosuppressed, or have chronic illness may want to consider bathing with bottled or boiled water until the notice is lifted.

**Q: Will my water filter sanitize the water?**

**A:** Most home water filters are meant for water that is already microbiologically safe. Using these filters during a precautionary boil-water notice will not guarantee the safety of the water. All filter cartridges must be replaced after the precautionary boil-water notice has been lifted to insure the filter is not contaminated.

**HOW TO STORE TAP WATER**

Water can be stored in presanitized food-grade plastic or glass containers with tight-fitting screw-on caps. It is important to properly wash, rinse, sanitize, and re-rinse your containers prior to use.

**Sanitize your container:**

Containers and lids should be thoroughly washed with hot tap water and dishwashing detergent. Rinse the container in a mild bleach solution (two tablespoons liquid bleach to two gallons of water). A final rinse with hot tap water will prepare your container for proper tap water storage.

**Preparing tap water for storage:**

To treat tap water for storage, use ONLY UNSCENTED liquid household chlorine bleach (5% - 6% active ingredients). Dosage is recommended at eight drops (1/8 teaspoon) bleach per gallon or 4-liter container of water. Stir the water and allow it to stand for 30 minutes. You should be able to smell a slight chlorine odor after the 30-minute waiting period. If odor is not present, add another dose and let the water stand another 15 minutes. Alternatively, if the water is cloudy, add 16 drops of bleach, stir and let stand for 15 minutes before use. Make sure to leave a small air space at the top of the container to allow for

expansion if the water heats up slightly where you store it. Cap containers and label each with the words DRINKING WATER and preparation date.

Containers should be stored in a cool, dry place away from direct sunlight. Most plastic beverage containers degrade over time, so store them away from heat and light to prevent leakage. Check periodically to insure that the containers have not cracked or developed leaks.

**Time limit on storing tap water:**

For emergency purposes, treat only enough water to meet your needs for 48 - 72 hours at a time (at least two gallons of water per person per day for South Florida climate). There is an increased chance of recontamination if the treated water sits for a longer period of time. Refrigeration will also help avoid recontamination. Please note that this water, if properly stored, can last longer. However, if your water storage exceeds 72 hours, add liquid bleach at the recommended dosage listed under **preparing tap water for storage** and you will have an additional 48 - 72 hours for usage. After the additional time has expired, the water must be thrown away and the entire process repeated.



**DON'T DISCARD USED MOTOR OIL**  
**Recycle it! It's easy!**  
**Help protect our drinking water.**  
 There are more than 100 facilities in Miami-Dade County that accept and recycle used motor oil. Locate a company that recycles used oil near you by calling the Florida Department of Environmental Protection's (FDEP) Used Oil Hotline at  
**1-800-741-4DEP.**

**NMB Connects** is published as a public service by the City of North Miami Beach Public Services Department at a cost of 6 cents each. For additional comments or questions contact the public information officer at (305) 948-2967.

**PUBLIC SERVICES DEPARTMENT**

**Kelvin L. Baker, Deputy City Manager**  
**Phone (305) 948-2967 • Fax (305) 957-3502**

For after hours/weekend emergencies, call the Water Plant at **(305) 652-6460.**

- Raymond F. Mann, Mayor
- Jay R. Chernoff, Councilman
- Kenneth A. De Filippo, Councilman
- Phillippe Derose, Councilman
- John Patrick Julien, Councilman
- Myron Rosner, Councilman
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