

NTMWD Contracts With Sabine River Authority for Interim Raw Water

To meet the immediate water supply needs of the region served as a result of the continuing growth and the recent drought condition, NTMWD Board of Directors authorized an interim raw water contract with the Sabine River Authority of Texas (SRA) for the sale of 40,000 – 70,000 acre-feet per year of raw water from Lake Tawakoni. An additional 10,081 acre-feet per year, with permanent contracted rights, will be assigned to NTMWD as a result of the NTMWD agreement with the City of Terrell.

SRA has permitted water rights in Lake Tawakoni and Lake Fork that total 104,000 acre-feet per year. Although all 104,000 acre-feet per year are currently contracted to existing SRA customers, SRA's customers are utilizing only 20,000 acre-feet per year.

Current demand projections do not indicate that SRA's customer demand will substantially increase in the near future. Based on these projections, SRA can allow the interim

sale of up to 70,000 acre-feet per year of the water that is not being diverted or used and combined with the addition of the Terrell contracted water right bringing the total amount available to NTMWD to 80,000 acre-feet per year.

Based on the latest Region C demand projections for NTMWD, an additional 80,000 acre-feet per year will extend NTMWD's raw water supply approximately 7-8 years.

An engineering study has been conducted by Freese and Nichols, Inc. (FNI) to consider the various options for the use of the Lake Tawakoni water, to evaluate the effect it will have on the rest of the NTMWD's water system, and to evaluate the impact the introduction of Lake Tawakoni water will have on the preliminary Water System Capital Improvements Plan (CIP).

The result of the engineering study include construction of capital improvements called

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The NTMWD Board of Directors and Staff

Wish You a Happy New Year!

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the Lake Tawakoni Raw Water Transmission Facilities on a phased basis to allow the most cost-effective utilization of the Lake Tawakoni raw water.

The first phase of the Lake Tawakoni Raw Water Transmission Facilities will include: a pump station and intake facility, raw water transmission pipelines, and a pump station and ground storage tank to be located at a future south water treatment plant.

The estimated construction cost of the first

phase of Lake Tawakoni Raw Water Transmission Facilities is \$79,948,000.

FNI will provide the engineering services for the design of the project in an amount not to exceed \$6,371,730. FNI has designed many water system projects and has also performed numerous engineering studies on the NTMWD treated and raw water system.

NTMWD is committed to meeting the treated water needs of the region served.



Winterize Your Water Pipes



OUTSIDE PLUMBING:

- * **Protect outside pipes and faucets—turn off outside water valve**
- * **Wrap outside faucets or hose bibs**
- * **Caulk around pipes where they enter the home**

INSIDE PLUMBING:

- * **Insulate pipes in unheated areas**
- * **Open cupboard doors in the kitchen and bathrooms**



News

Board Action

December 2005

The NTMWD Board of Directors held a regular meeting, December 15, 2005, at the NTMWD Administrative Offices located at 505 East Brown Street, Wylie, Texas.

Action items were as follows:

- Approved the minutes from the November 22, 2005 Board of Directors meeting.
- Approved Resolution No. 05-26, Investment Policy and Investment Strategies.
- Approved amendment of District Policy No. 13, Emergency Expenditures.
- Approved amendment of District Policy No. 25, NTMWD Employee Retirement Fund Investment Policy.
- Authorized water rights permit application fees for additional diversion from Lake Texoma.
- Approved a consultant services agreement with Jerry Valdez Governmental Affairs, L.L.C.
- Authorized additional funding for a feasibility study for additional raw water supply from Toledo Bend Reservoir.
- Adopted District Policy No. 32, Raw Water and Treated Wastewater Effluent Sales.
- Approved the City of Princeton request to use NTMWD Princeton Site for additional ground storage.
- Authorized tabulation of bids and award of contract for the Plano Spring Creek Lift Station project.
- Authorized additional engineering services for the Buffalo Creek Interceptor System Parallel Force Main.
- Approved the Lavon Water Supply Corporation Potable Water Supply Contract.
- Authorized the Lake Tawakoni Raw Water Transmission Facilities project and engineering services agreement.
- Approved annual chemical bids for 2006.
- Approved Change Order No. 1 for the Plano Spring Creek Force Main project.

NTMWD WATER CONSUMPTION DATA
(August—November 2005 in 1,000 gallons)

	2003-2004	2004-2005	2005-2006		
Allen	1,732,912	1,762,524	2,217,411		
Farmersville	92,774	79,362	103,948		
Forney	338,646	327,874	523,037		
Frisco	2,319,395	2,285,890	3,390,561		
Garland	5,008,125	4,505,070	5,224,612		
McKinney	2,656,838	2,571,509	3,490,341		
Mesquite	2,562,260	2,229,015	2,750,913		
Plano	9,182,754	8,341,656	10,673,109		
Princeton	105,359	114,063	151,433		
Richardson	388,843	3,234,300	3,830,076		
Rockwall	996,091	893,693	1,346,138		
Royse City	128,925	119,280	178,918		
Wylie	484,312	484,909	685,585		
Subtotal Member Cities	25,997,234	26,949,145	34,566,082		
Caddo Basin	87,799	89,310	108,371		
Cash W.S.C.	93,582	92,160	116,468		
College Mound W.S.C.	20,806	8,831	8		
Copeville S.U.D.	27,595	25,394	29,792		
East Fork S.U.D.	86,769	68,835	115,732		
Fairview	175,484	175,520	287,497		
Fate	44,419	44,550	106,570		
Forney Lake W.S.C.	59,450	50,818	119,124		
Gastonia Scurry W.S.C.	35,464	44,637	32,249		
Josephine	15,678	14,522	22,016		
Kaufman	160,249	152,494	161,344		
Kaufman Four-One	138,028	127,511	201,923		
Lavon W.S.C.	56,717	50,672	87,850		
Little Elm	179,782	222,420	190,857		
Lucas	125,730	120,905	209,868		
Melissa	19,778	21,053	52,209		
Milligan W.S.C.	54,126	44,331	54,836		
Mt. Zion W.S.C.	48,080	36,289	62,545		
Murphy	320,469	321,987	472,689		
Nevada W.S.C.	29,626	22,834	33,323		
N. Collin W.S.C.	108,465	103,283	126,448		
Parker	147,261	138,580	186,539		
Prosper	0	10,763	86,907		
Rose Hill W.S.C.	3,299	2,150	6,729		
Rowlett	1,157,830	1,003,021	1,310,528		
Sachse	395,144	370,868	483,766		
Seis Lagos M.U.D.	32,302	25,497	52,503		
Sunnyvale	158,692	138,645	238,059		
Wylie N.E., W.S.C.	51,845	50,179	80,750		
Subtotal Customer Cities	3,834,469	3,578,059	5,037,500		
Individual Meters	5,057	3,300	3,887		
Grand Total	29,836,760	30,530,504	39,607,469		
Lake Elevation	2005	2004	Precipitation	2005	2004
Maximum	483.60	490.91	Total Inches	0.25	5.17
Minimum	482.82	488.90	Year to Date	2.79	14.42
Average	483.17	489.47			