

Muddy Creek Regional Wastewater Treatment Plant Placed Into Service

NTMWD's Muddy Creek Regional Wastewater Treatment Plant (WWTP) was placed into service April 2005 providing additional treatment capacity for the Cities of Murphy and Wylie. The effort to meet the long-term sanitary needs of Murphy and Wylie has been a lengthy and ongoing process. Both cities elected to work together with the NTMWD to meet the future needs of the two cities.

The Cities of Murphy and Wylie have contracted with the NTMWD to construct and operate a joint wastewater facility to serve both cities on land purchased by the NTMWD near Muddy Creek, southwest of Wylie. The initial Muddy Creek Regional WWTP will be a 5 million gallon a day (MGD) treatment facility. The plant could be expanded in 5 MGD treatment trains up to a maximum size of 40 MGD, if needed.

Eagle Contracting L.P. was awarded the construction contract at a cost of \$15,310,000.



NTMWD's Muddy Creek Regional WWTP provides additional treatment for the Cities of Murphy and Wylie

The existing plants serving each city will remain in place for the next few years. Flows related to growth in both communities will be transferred to the Muddy Creek facility for treatment. A sewer pipeline necessary to transfer flows has been constructed by each city.

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Survey Finds that Texans Want More Water Conservation Education

In a recent survey conducted by the Texas Water Development Board, Texans have voiced their opinion on water conservation and water conservation education. The survey, which polled 1,200 randomly selected Texans, asked whether they felt that water conservation is important and whether they would support a water conservation and education campaign. Ninety-eight percent of those surveyed said that they think water conservation is important and eighty-seven percent support the idea of a water conservation campaign similar to “Don’t Mess with Texas.” Seventy-one percent believe statewide funding should be provided to implement water conservation strategies, and eighty-seven percent said they are more likely to conserve water after learning more about why it is important and ways to be more efficient. One surprise that came out of the survey was that only twenty-eight percent said they “definitely know” the natural source of their drinking water.



In a state where the number of water consumers is growing, especially in municipalities, water conservation is vital if water resources are going to be able to meet the state’s demand in the future. Water-and having enough of it-is an emerging issue for Texas that promises to be a key challenge for the state for decades to come. The Water Conservation Task Force, after studying the results of the public survey, has recommended a statewide public education campaign-including research, advertising, media relations and other outreach-to promote water awareness and efficiency.

The Task Force has also set a goal of an average annual one-percent statewide reduction in per capita water use, and the public education campaign will help the state reach this goal. The education campaign called “Water IQ - Know Your Water” will be disseminated statewide beginning in the fall of 2005. The responses of the survey participants indicated that the more Texans know about their water, the more willing they are to save it, and the education program will be aimed at raising the “Water IQ’s” of all Texans. More information on the survey and the educational campaign can be found at www.water-IQ.org.

Practice Water Conservation This Summer

- ◆ **Water your lawn only when needed.**
- ◆ **Water your lawn deeply / infrequently for a good root system.**
- ◆ **Water early or late for best results.**
- ◆ **Use a soaker hose or drip irrigation system.**
- ◆ **Xeriscape using native and drought tolerant plants and shrubs.**



News

Board Action

April 2005

The NTMWD Board of Directors held a regular meeting, April 28, 2005, at the NTMWD Administrative Offices located at 505 East Brown Street, Wylie, Texas.

Action items were as follows:

- Approved the minutes from the March 31, 2005 Board of Directors meeting.
- Approved the replacement of the air conditioning units in the Engineering Department.
- Approved purchase of reclaimed water flow meters at Plants I, II, and III.
- Approved replacement of No. 10 influent valve at Plant I.
- Approved replacement of filter media for filters 22, 31, and 35 at Plant II and filter 16 at Plant III.
- Approved refurbishment of Pump No. 10 check valve at High Service Pump Station 2-2.
- Approved clay liner field test at 121 Regional Disposal Facility.
- Approved an easement agreement with Collin County for County Road No. 660 improvement.
- Approved appointment of auditors for Fiscal Years 2005, 2006, and 2007.
- Adopted Resolution No. 05-7 expressing official intent to reimburse costs for acquiring interest in land for the East Fork Reuse project.
- Adopted Resolution No. 05-8 authorizing execution of the North Texas Municipal Water District—City of Terrell Water Transmission Facilities Contract.
- Adopted Resolution No. 05-9 expressing official intent to reimburse costs of acquiring an interest in land and engineering design for the City of Terrell transmission facilities.
- Approved Change Order No. 2 to Buffalo Creek Interceptor System Gravity Sewer, Section 2.
- Approved adjustment to quantities, Change Order No. 1, and authorized to final Indian Creek Trunk Sewer Extension Pipeline.
- Authorized to final Cooper Lake Pipeline, Section II, replacement project.
- Authorized an architectural services agreement for the Environmental Services building.
- Adopted an amendment to Resolution No. 04-26, authorizing additional funding for the right-of-way acquisition program for the Rowlett-Cottonwood Parallel Transfer Sewer project.
- Adopted Resolution No. 05-10 authorizing a right-of-way acquisition program for the Spring Creek Lift Station Force Main and Gravity Sewer.

NTMWD WATER CONSUMPTION DATA

(August - March 2005 in 1,000 gallons)

	2002-2003	2003-2004	2004-2005		
Allen	2,447,863	2,675,489	2,705,528		
Farmersville	136,408	147,794	154,286		
Forney	449,298	571,527	579,252		
Frisco	3,227,577	3,539,462	3,491,216		
Garland	8,020,198	8,201,191	7,568,070		
McKinney	3,686,140	4,082,860	3,968,357		
Mesquite	4,154,925	4,202,559	3,791,603		
Plano	13,841,881	14,141,533	13,073,741		
Princeton	180,346	181,379	202,227		
Richardson	6,273,142	6,166,691	5,050,676		
Rockwall	1,336,715	1,473,737	1,359,171		
Royse City	171,743	210,334	196,402		
Wylie	599,591	785,511	803,828		
Subtotal Member Cities	44,525,827	46,380,067	42,944,357		
Caddo Basin	160,296	162,399	136,632		
Cash W.S.C.	134,758	169,724	154,399		
College Mound W.S.C.	28,174	33,235	8,831		
Copeville S.U.D.	42,454	47,319	41,485		
East Fork S.U.D.	107,410	134,836	129,845		
Fairview	221,921	254,827	256,938		
Fate	45,378	68,867	76,243		
Forney Lake W.S.C.	72,988	87,015	83,824		
Gastonia Scurry W.S.C.	52,697	55,377	73,189		
Josephine	20,302	25,790	24,694		
Kaufman	248,302	285,355	258,399		
Kaufman Four-One	233,420	263,455	213,116		
Lavon W.S.C.	73,760	89,585	80,449		
Little Elm	181,233	295,543	411,244		
Lucas	158,513	194,101	181,027		
Melissa	8,557	34,870	43,954		
Milligan W.S.C.	92,169	84,545	73,892		
Mt. Zion W.S.C.	57,890	70,750	57,539		
Murphy	366,456	469,949	465,877		
Nevada W.S.C.	44,960	48,558	39,798		
N. Collin W.S.C.	160,720	183,084	180,983		
Parker	171,446	209,821	203,817		
Prosper	0	0	22,922		
Rose Hill W.S.C.	11,596	5,085	3,290		
Rowlett	1,638,060	1,768,819	1,589,821		
Sachse	599,482	607,926	581,894		
Seis Lagos M.U.D.	40,223	45,880	34,190		
Sunnyvale	194,404	240,388	214,497		
Wylie N.E., W.S.C.	68,657	78,617	80,729		
Subtotal Customer Cities	5,236,226	6,015,720	5,723,518		
Individual Meters	6,827	8,994	5,470		
Grand Total	49,768,880	52,404,781	48,673,345		
<u>Lake Elevation</u>	<u>2005</u>	<u>2004</u>	<u>Precipitation</u>	<u>2005</u>	<u>2004</u>
Maximum	492.42	489.68	Total Inches	2.30	1.95
Minimum	491.79	488.18	Year to Date	23.65	25.67
Average	492.05	489.29			