



*Regional. Reliable. Everyday.*

September 28, 2022

Mr. Patrick Stallings  
City Manager  
City of Seagoville  
702 N. Highway 175  
Seagoville, Texas 75159

RE: 2022-23 ANNUAL BUDGET CHARGES

Dear Mr. Stallings:

The 2022-23 Annual Budget was approved by the NTMWD Board of Directors at the September 2022 Board Meeting. The 2022-23 Annual Budget ensures NTMWD remains committed to our core mission of providing high quality and dependable water, wastewater and solid waste services in a cost efficient manner. Enclosed are the 2022-23 Budget Summary and Billing Schedules for the following charges:

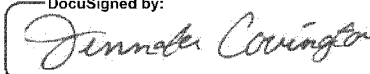
- Regional Wastewater System \$ 1,516,921.00
- Lower East Fork Interceptor System \$ 433,784.00
- Wastewater Pretreatment Program \$ 59,341.00

NTMWD staff continues to seek efficiencies and innovations to manage the costs of the capital program, operations and maintenance, and by working with the cities served to identify and implement effective and efficient solutions. Adequate funding and resources are required to deliver these projects on time and within budget as well as to integrate into existing system operations. The approved FY23 Budget addresses these challenges and responsibilities to continue providing safe, reliable water, wastewater and solid waste services for the millions of North Texans counting on us today and in the future.

Also enclosed is the FY23 Budget and Rates Fact Sheet. This summary provides an overview of the FY23 Budget and System Expenditures, key details and projects by services and highlights of program efficiencies and managing costs.

At your convenience, you may visit our website, [www.ntmwd.com](http://www.ntmwd.com), for additional Financial Transparency information and to view past committee meeting presentations. Should you have any questions or need additional information, please contact Jeanne Chipperfield, Deputy Director - Administrative Services, by email at [jchipperfield@ntmwd.com](mailto:jchipperfield@ntmwd.com).

Sincerely,

DocuSigned by:  
  
 JENNIFER P. COVINGTON  
 Executive Director

JPC/JC/EAF/DTF/kar  
Enclosures

cc: Gail French, Finance Director

Regional Service Through Unity...Meeting Our Region's Needs Today and Tomorrow

# REGIONAL WASTEWATER SYSTEM

NORTH TEXAS MUNICIPAL WATER DISTRICT

Revenues and Expenses	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
<b>Revenues</b>						
Wastewater Sales:						
Members	\$ 76,970,969	\$ 85,452,095	\$ 84,947,145	\$ 93,893,665	\$ 8,441,570	9.88%
Customers	2,270,401	2,030,340	2,486,620	2,766,680	736,340	36.27%
<b>Total Wastewater Sales</b>	<b>\$ 79,241,370</b>	<b>\$ 87,482,435</b>	<b>\$ 87,433,765</b>	<b>\$ 96,660,345</b>	<b>\$ 9,177,910</b>	<b>10.49%</b>
<b>Total Other Revenues</b>	<b>\$ 2,722,975</b>	<b>\$ 607,920</b>	<b>\$ 546,815</b>	<b>\$ 648,495</b>	<b>\$ 40,575</b>	<b>6.67%</b>
Interest Income	\$ 13,460	\$ 10,390	\$ 51,030	\$ 51,030	\$ 40,640	391.15%
<b>Total Revenues</b>	<b>\$ 81,977,804</b>	<b>\$ 88,100,745</b>	<b>\$ 88,031,610</b>	<b>\$ 97,359,870</b>	<b>\$ 9,259,125</b>	<b>10.51%</b>
<b>Expenses</b>						
Personnel:						
Salaries	\$ 8,950,772	\$ 9,548,820	\$ 9,301,375	\$ 11,216,485	\$ 1,667,665	17.46%
Other	4,604,867	4,880,325	4,803,635	5,529,960	649,635	13.31%
<b>Total Personnel</b>	<b>\$ 13,555,639</b>	<b>\$ 14,429,145</b>	<b>\$ 14,105,010</b>	<b>\$ 16,746,445</b>	<b>\$ 2,317,300</b>	<b>16.06%</b>
Supplies:						
Fuel	\$ 410,012	\$ 452,405	\$ 456,405	\$ 723,450	\$ 271,045	59.91%
Chemicals	3,243,499	4,849,455	5,095,455	6,285,190	1,435,735	29.61%
Other	3,145,938	3,887,435	3,886,445	4,423,905	536,470	13.80%
<b>Total Supplies</b>	<b>\$ 6,799,449</b>	<b>\$ 9,189,295</b>	<b>\$ 9,438,305</b>	<b>\$ 11,432,545</b>	<b>\$ 2,243,250</b>	<b>24.41%</b>
Services:						
Consulting	\$ 375,645	\$ 597,430	\$ 607,570	\$ 422,500	\$ (174,930)	-29.28%
Insurance	254,186	537,685	468,725	439,030	(98,655)	-18.35%
Landfill Service Fees	3,934,552	3,690,275	3,690,275	3,925,935	235,660	6.39%
Maintenance	1,397,167	2,106,245	1,587,588	1,842,665	(263,580)	-12.51%
Power	8,442,458	3,067,300	3,820,300	3,738,600	671,300	21.89%
Shared Services	8,090,048	9,238,160	9,036,460	11,153,440	1,915,280	20.73%
Other	2,610,020	3,018,165	2,956,912	3,545,020	526,855	17.46%
<b>Total Services</b>	<b>\$ 25,104,076</b>	<b>\$ 22,255,260</b>	<b>\$ 22,167,830</b>	<b>\$ 25,067,190</b>	<b>\$ 2,811,930</b>	<b>12.63%</b>
Capital Outlay	\$ 2,614,252	\$ 2,668,175	\$ 2,761,595	\$ 2,491,205	\$ (176,970)	-6.63%
Escrow	\$ -	\$ 443,000	\$ 1,178,350	\$ -	\$ (443,000)	-100.00%
Debt Service	\$ 33,904,387	\$ 39,115,870	\$ 38,380,520	\$ 41,622,485	\$ 2,506,615	6.41%
<b>Total Expenses</b>	<b>\$ 81,977,804</b>	<b>\$ 88,100,745</b>	<b>\$ 88,031,610</b>	<b>\$ 97,359,870</b>	<b>\$ 9,259,125</b>	<b>10.51%</b>
<b>Net Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>

# REGIONAL WASTEWATER SYSTEM

NORTH TEXAS MUNICIPAL WATER DISTRICT

Member City Charges	2020-21		2021-22		2021-22		2022-23	
	Actual		Original Budget		Amended Budget		Proposed Budget	
Allen	\$	6,694,614	\$	7,608,627	\$	6,676,953	\$	7,383,567
Forney		2,804,697		4,032,122		2,814,750		3,112,631
Frisco		3,956,209		4,607,307		5,017,491		5,548,487
Heath		1,529,941		1,547,390		1,025,400		1,133,917
McKinney		13,660,496		15,194,696		15,021,984		16,611,742
Melissa		845,640		871,459		1,128,826		1,248,288
Mesquite		10,361,189		10,487,888		12,393,161		13,704,714
Plano		22,222,625		24,616,882		24,163,060		26,720,207
Princeton		865,145		779,250		986,547		1,090,952
Prosper		1,248,502		1,482,887		1,477,417		1,633,770
Richardson		8,835,924		9,877,615		9,521,912		10,529,602
Rockwall		2,653,994		2,942,421		3,308,710		3,658,867
Seagoville		1,291,992		1,403,551		1,410,934		1,516,921
<b>Total</b>	<b>\$</b>	<b>76,970,969</b>	<b>\$</b>	<b>85,452,095</b>	<b>\$</b>	<b>84,947,145</b>	<b>\$</b>	<b>93,893,665</b>

Cost per 1,000	\$	2.19	\$	2.37	\$	2.39	\$	2.57
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### Flows (1,000):

Allen	3,063,892	3,205,428	8.904%	2,798,205	7.860%	2,878,134	7.864%
Forney	1,283,612	1,698,687	4.719%	1,179,617	3.314%	1,213,312	3.315%
Frisco	1,810,619	1,941,006	5.392%	2,102,751	5.907%	2,162,815	5.909%
Heath	700,201	651,898	1.811%	429,729	1.207%	442,004	1.208%
McKinney	6,251,934	6,401,353	17.782%	6,295,475	17.684%	6,475,301	17.692%
Melissa	387,020	367,136	1.020%	473,073	1.329%	486,586	1.329%
Mesquite	4,741,956	4,418,428	12.273%	5,193,777	14.589%	5,342,134	14.596%
Plano	10,170,523	10,370,813	28.808%	10,126,355	28.445%	10,415,607	28.458%
Princeton	395,947	328,289	0.912%	413,446	1.161%	425,256	1.162%
Prosper	571,396	624,723	1.735%	619,162	1.739%	636,848	1.740%
Richardson	4,043,895	4,161,327	11.559%	3,990,482	11.209%	4,104,467	11.214%
Rockwall	1,214,641	1,239,609	3.443%	1,386,628	3.895%	1,426,236	3.897%
Seagoville	591,300	591,300	1.643%	591,300	1.661%	591,300	1.616%
<b>Total</b>	<b>35,226,936</b>	<b>36,000,000</b>	<b>100.00%</b>	<b>35,600,000</b>	<b>100.00%</b>	<b>36,600,000</b>	<b>100.00%</b>

2022-23 Billing Schedule - Member Cities

Month	Allen	Forney	Frisco	Heath	McKinney	Melissa	Mesquite
October	\$ 1,230,597	\$ 518,771	\$ 924,747	\$ 188,987	\$ 2,768,622	\$ 208,048	\$ 2,284,114
November	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
December	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
January	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
February	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
March	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
April	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
May	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
June	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
July	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
August	615,297	259,386	462,374	94,493	1,384,312	104,024	1,142,060
<b>Total</b>	<b>\$ 7,383,567</b>	<b>\$ 3,112,631</b>	<b>\$ 5,548,487</b>	<b>\$ 1,133,917</b>	<b>\$ 16,611,742</b>	<b>\$ 1,248,288</b>	<b>\$ 13,704,714</b>

Month	Plano	Princeton	Prosper	Richardson	Rockwall	Seagoville	Total
October	\$ 4,453,367	\$ 181,822	\$ 272,290	\$ 1,754,932	\$ 609,807	\$ 252,821	\$ 15,648,925
November	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
December	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
January	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
February	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
March	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
April	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
May	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
June	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
July	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
August	2,226,684	90,913	136,148	877,467	304,906	126,410	7,824,474
<b>Total</b>	<b>\$ 26,720,207</b>	<b>\$ 1,090,952</b>	<b>\$ 1,633,770</b>	<b>\$ 10,529,602</b>	<b>\$ 3,658,867</b>	<b>\$ 1,516,921</b>	<b>\$ 93,893,665</b>

## Lower East Fork Interceptor

Revenues and Expenses	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
<b>Revenues</b>						
Sewer Sales:						
Interceptor Facilities - Mesquite	\$ 1,450,933	\$ 1,507,942	\$ 1,502,658	\$ 1,557,011	\$ 49,069	3.25%
Interceptor Facilities - Seagoville	404,230	420,113	418,642	433,784	13,671	
Total Sewer Sales	\$ 1,855,163	\$ 1,928,055	\$ 1,921,300	\$ 1,990,795	\$ 62,740	3.25%
Total Other Revenues	\$ 68,213	\$ -	\$ -	\$ -	\$ -	0.00%
Interest Income	\$ 297	\$ 355	\$ 1,355	\$ 1,355	\$ 1,000	281.69%
<b>Total Revenues</b>	<b>\$ 1,923,673</b>	<b>\$ 1,928,410</b>	<b>\$ 1,922,655</b>	<b>\$ 1,992,150</b>	<b>\$ 63,740</b>	<b>3.31%</b>
<b>Expenses</b>						
Personnel:						
Salaries	\$ 46	\$ 4,510	\$ 3,975	\$ 4,870	\$ 360	7.98%
Other	3	1,050	830	1,190	140	13.33%
Total Personnel	\$ 49	\$ 5,560	\$ 4,805	\$ 6,060	\$ 500	8.99%
Supplies:						
Chemicals	\$ 36,687	\$ 68,700	\$ 68,875	\$ 68,945	\$ 245	0.36%
Other	12,739	50,025	42,525	52,025	2,000	4.00%
Total Supplies	\$ 49,427	\$ 118,725	\$ 111,400	\$ 120,970	\$ 2,245	1.89%
Services:						
Consulting	\$ 17,405	\$ 45,000	\$ 45,000	\$ 45,000	\$ -	0.00%
Insurance	3,093	3,960	3,960	4,585	625	15.78%
Landfill Service Fees	947	645	645	690	45	6.98%
Maintenance	285,230	140,215	117,540	140,865	650	0.46%
Power	53,546	45,000	40,000	45,000	-	0.00%
Shared Services	121,134	95,700	95,700	107,870	12,170	12.72%
Other	81,513	103,415	103,415	112,120	8,705	8.42%
Total Services	\$ 562,867	\$ 433,935	\$ 406,260	\$ 456,130	\$ 22,195	5.11%
Escrow	\$ 45,000	\$ 65,000	\$ 95,000	\$ 108,500	\$ 43,500	66.92%
Debt Service	\$ 1,266,330	\$ 1,305,190	\$ 1,305,190	\$ 1,300,490	\$ (4,700)	-0.36%
<b>Total Expenses</b>	<b>\$ 1,923,673</b>	<b>\$ 1,928,410</b>	<b>\$ 1,922,655</b>	<b>\$ 1,992,150</b>	<b>\$ 63,740</b>	<b>3.31%</b>
<b>Net Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>

**Lower East Fork Interceptor**

Member City Charges	2020-21	2021-22	2021-22	2022-23
	Actual	Original Budget	Amended Budget	Proposed Budget
Mesquite	\$ 1,450,933	\$ 1,507,942	\$ 1,502,658	\$ 1,557,011
Seagoville	404,230	420,113	418,642	433,784
<b>Total</b>	<b>\$ 1,855,163</b>	<b>\$ 1,928,055</b>	<b>\$ 1,921,300</b>	<b>\$ 1,990,795</b>

**Annual Flow (1,000)**

Mesquite	2,711,950	2,711,950	78.211%	2,711,950	78.211%	2,711,950	78.211%
Seagoville	755,550	755,550	21.789%	755,550	21.789%	755,550	21.789%
<b>Total</b>	<b>3,467,500</b>	<b>3,467,500</b>	<b>100.000%</b>	<b>3,467,500</b>	<b>100.000%</b>	<b>3,467,500</b>	<b>100.000%</b>

## Lower East Fork Interceptor

## 2022-23 Billing Schedule

<u>Month</u>	<u>Mesquite</u>	<u>Seagoville</u>	<u>Total</u>
October	\$ 259,501	\$ 72,294	\$ 331,795
November	129,751	36,149	165,900
December	129,751	36,149	165,900
January	129,751	36,149	165,900
February	129,751	36,149	165,900
March	129,751	36,149	165,900
April	129,751	36,149	165,900
May	129,751	36,149	165,900
June	129,751	36,149	165,900
July	129,751	36,149	165,900
August	129,751	36,149	165,900
<b>Total</b>	<b>\$ 1,557,011</b>	<b>\$ 433,784</b>	<b>\$ 1,990,795</b>

## Wastewater Pretreatment Program

Revenues and Expenses	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
<b>Revenues</b>						
Wastewater Sales:						
Pretreatment - Members	\$ 1,072,491	\$ 1,335,160	\$ 1,308,660	\$ 1,460,445	\$ 125,285	9.38%
Total Sewer Sales	\$ 1,072,491	\$ 1,335,160	\$ 1,308,660	\$ 1,460,445	\$ 125,285	9.38%
Total Other Revenues	\$ 6,716	\$ -	\$ -	\$ -	\$ -	0.00%
Interest Income	\$ 150	\$ 180	\$ 1,165	\$ 1,165	\$ 985	547.22%
<b>Total Revenues</b>	<b>\$ 1,079,358</b>	<b>\$ 1,335,340</b>	<b>\$ 1,309,825</b>	<b>\$ 1,461,610</b>	<b>\$ 126,270</b>	<b>9.46%</b>
<b>Expenses</b>						
Personnel:						
Salaries	\$ 518,468	\$ 564,940	\$ 546,915	\$ 623,700	\$ 58,760	10.40%
Other	236,555	309,960	302,470	284,755	(25,205)	-8.13%
Total Personnel	\$ 755,023	\$ 874,900	\$ 849,385	\$ 908,455	\$ 33,555	3.84%
Supplies:						
Fuel	\$ 2,643	\$ 6,840	\$ 6,840	\$ 6,500	\$ (340)	-4.97%
Other	47,269	57,975	57,975	72,575	14,600	25.18%
Total Supplies	\$ 49,911	\$ 64,815	\$ 64,815	\$ 79,075	\$ 14,260	22.00%
Services:						
Consulting	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ (30,000)	-42.86%
Insurance	2,739	3,060	3,060	3,205	145	4.74%
Maintenance	1,540	10,600	10,600	5,600	(5,000)	-47.17%
Shared Services	230,395	276,550	276,550	370,850	94,300	34.10%
Other	23,149	35,415	35,415	54,425	19,010	53.68%
Total Services	\$ 257,823	\$ 395,625	\$ 395,625	\$ 474,080	\$ 78,455	19.83%
Capital Outlay	\$ 16,600	\$ -	\$ -	\$ -	\$ -	0.00%
<b>Total Expenses</b>	<b>\$ 1,079,358</b>	<b>\$ 1,335,340</b>	<b>\$ 1,309,825</b>	<b>\$ 1,461,610</b>	<b>\$ 126,270</b>	<b>9.46%</b>
<b>Net Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>



Wastewater Pretreatment Program

Member City Charges	2020-21		2021-22		2022-23	
	Actual	Original Budget	Amended Budget	Proposed Budget		
Allen	\$ 65,915	\$ 81,330	\$ 76,886	\$ 79,121		
Forney	35,704	44,054	41,646	42,857		
Frisco	17,852	23,721	22,425	23,077		
McKinney	189,505	233,822	240,268	247,254		
Melissa	16,479	20,332	19,221	-		
Mesquite	233,449	288,042	264,295	260,441		
Plano	32,957	40,665	73,682	82,418		
Richardson	-	-	-	138,462		
Rockwall	82,394	101,662	96,107	98,901		
Seagoville	48,063	60,997	57,664	59,341		
Sunnyvale	32,957	40,665	38,443	39,561		
Terrell	212,850	271,098	256,286	263,737		
Wylie	104,365	128,772	121,737	125,275		
<b>Total</b>	<b>\$ 1,072,491</b>	<b>\$ 1,335,160</b>	<b>\$ 1,308,660</b>	<b>\$ 1,460,445</b>		

User Months:

Allen	48	48	6.091%	48	5.875%	48	5.418%
Forney	26	26	3.299%	26	3.182%	26	2.935%
Frisco	13	14	1.777%	14	1.714%	14	1.580%
McKinney	138	138	17.513%	150	18.360%	150	16.930%
Melissa	12	12	1.523%	12	1.469%	-	0.000%
Mesquite	170	170	21.574%	165	20.196%	158	17.833%
Plano	24	24	3.046%	46	5.630%	50	5.643%
Richardson	-	-	0.000%	-	0.000%	84	9.481%
Rockwall	60	60	7.614%	60	7.344%	60	6.772%
Seagoville	35	36	4.569%	36	4.406%	36	4.063%
Sunnyvale	24	24	3.046%	24	2.938%	24	2.709%
Terrell	155	160	20.305%	160	19.584%	160	18.059%
Wylie	76	76	9.645%	76	9.302%	76	8.578%
<b>Total</b>	<b>781</b>	<b>788</b>	<b>100.000%</b>	<b>817</b>	<b>100.000%</b>	<b>886</b>	<b>100.000%</b>

## Wastewater Pretreatment Program

## 2022-23 Billing Schedule

Month	Allen	Forney	Frisco	McKinney	Melissa	Mesquite	Plano
October	\$ 13,191	\$ 7,147	\$ 3,847	\$ 41,204	\$ 0	\$ 43,411	\$ 13,738
November	6,593	3,571	1,923	20,605	0	21,703	6,868
December	6,593	3,571	1,923	20,605	0	21,703	6,868
January	6,593	3,571	1,923	20,605	0	21,703	6,868
February	6,593	3,571	1,923	20,605	0	21,703	6,868
March	6,593	3,571	1,923	20,605	0	21,703	6,868
April	6,593	3,571	1,923	20,605	0	21,703	6,868
May	6,593	3,571	1,923	20,605	0	21,703	6,868
June	6,593	3,571	1,923	20,605	0	21,703	6,868
July	6,593	3,571	1,923	20,605	0	21,703	6,868
August	6,593	3,571	1,923	20,605	0	21,703	6,868
<b>Total</b>	<b>\$ 79,121</b>	<b>\$ 42,857</b>	<b>\$ 23,077</b>	<b>\$ 247,254</b>	<b>\$ 0</b>	<b>\$ 260,441</b>	<b>\$ 82,418</b>

Month	Richardson	Rockwall	Seagoville	Sunnyvale	Terrell	Wylie	Total
October	\$ 23,072	\$ 16,481	\$ 9,891	\$ 6,591	\$ 43,957	\$ 20,875	\$ 207,142
November	11,539	8,242	4,945	3,297	21,978	10,440	103,572
December	11,539	8,242	4,945	3,297	21,978	10,440	103,572
January	11,539	8,242	4,945	3,297	21,978	10,440	103,572
February	11,539	8,242	4,945	3,297	21,978	10,440	103,572
March	11,539	8,242	4,945	3,297	21,978	10,440	103,572
April	11,539	8,242	4,945	3,297	21,978	10,440	103,572
May	11,539	8,242	4,945	3,297	21,978	10,440	103,572
June	11,539	8,242	4,945	3,297	21,978	10,440	103,572
July	11,539	8,242	4,945	3,297	21,978	10,440	103,572
August	11,539	8,242	4,945	3,297	21,978	10,440	103,572
<b>Total</b>	<b>\$ 138,462</b>	<b>\$ 98,901</b>	<b>\$ 59,341</b>	<b>\$ 39,561</b>	<b>\$ 263,737</b>	<b>\$ 125,275</b>	<b>\$ 1,460,445</b>



# FY23 Approved Budget and Rates Fact Sheet

## North Texas Municipal Water District

Administration Building  
501 East Brown St.  
P.O. Box 2408  
Wylie, TX 75098

972.442.5405  
www.ntmwd.com

### FAST FACTS:

**80 COMMUNITIES**  
SERVED ACROSS

**2,200 SQUARE MILES**  
IN 10 COUNTIES

**WITH A POPULATION OF**  
OF OVER 2 MILLION

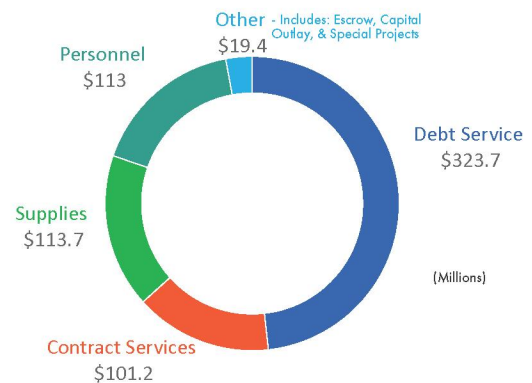


During Fiscal Year 2022, the District continued to navigate a challenging economic environment including supply chain issues and growing inflation when global events worsened the situation. Inflation began to soar to levels not seen in over 40 years with fuel and chemicals seeing some of the largest increases. The District implemented several new tactics to mitigate the unprecedented increases due to inflation, and remains in a sound financial condition. The NTMWD Board of Directors and Staff worked diligently to meet the District's contractual obligation to the participating cities and utilities with reasonable costs in all systems while maintaining our commitment to protect public health and the environment.

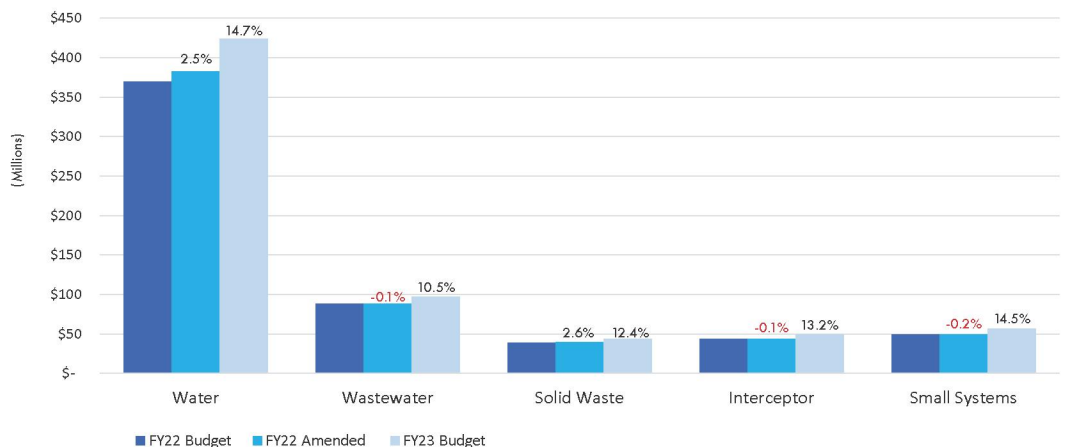
This summary provides an overview of the FY23 Budget and System Expenditures, some key details and projects by service, and some of the ways we are managing costs.

## FY23 Budget

All Systems Expenditures  
**\$671M**



## Expenditures By System



Major adjustments necessary in the FY23 budget include the financial impacts to address the People, Product and Planning costs driving the FY23 Annual All Systems Budget of \$671,396,165, to provide a responsible budget to sustain reliable water, wastewater, and solid waste services.

Key factors and challenges addressed in the budget include:

**People**

To meet our region's water and wastewater needs, new operating facilities are currently under construction such as Bois d'Arc Lake, the Leonard Water Treatment Plant and the Sister Grove Regional Water Resource Recovery Facility (RWRRF). The majority of new personnel requests in FY23 address the continuing growth in our service area including 16 new positions to begin staffing the Sister Grove RWRRF. The current national job market and the need to recruit and retain professional staff to operate the systems have forced the District to address labor shortages, higher turnover rates with compensation adjustments to help employees with inflationary cost of living.

**Product**

During FY22, the District was already navigating a challenging economic environment including supply chain issues and growing inflation when Russia invaded Ukraine and exacerbated the situation. Inflation soared to the highest levels in 40 years with fuel and chemicals seeing some of the largest increases with extreme volatility. Approximately half of the proposed adjustment for the Regional Water System wholesale rate is due to increased chemical costs. To mitigate this unprecedented increase in chemicals, the District conducted out-of-cycle rebids for many of the chemicals needed to meet the mission. Under new contract terms the District shifted from a historically fixed unit price to a contract that adjusts pricing quarterly based on appropriate indices.

**Planning**

Continued growth in the region has increased demands for services, and that combined with unstable construction costs has impacted the capital improvement program budget. Other major increases to the FY23 budget include funding approximately \$980 million of capital projects District-wide such as the McKinney Delivery Point No. 3 to No. 4 Pipeline (\$101M), the South Mesquite RWWTP Peak Flow Management and Expansion (\$151M), and the new Fleet Maintenance Facility (\$12M). With 55,000 new residents moving to our service area every year and the District serving two of the top 10 fastest growing counties in the country, there is an ongoing need to address the regulatory requirements, aging infrastructure and growth needs of the District.

As the nation experiences increased inflation, NTMWD has seen significantly increased construction project costs. In anticipation of continued higher pricing, we have adjusted many of our construction project budgets by approximately 18%. We have also adjusted our debt service budgets to plan for continued rising interest rates.

Despite these challenges of costs associated with People, Product and Planning for the District, NTMWD remains in a sound financial condition. The Board's goal of meeting the needs of our participating cities within state and federal laws while protecting the environment continues to be accomplished with reasonable cost in all systems.

FY23 MEMBER CITY PROPOSED WHOLESALE WATER RATE			
	FY22 Budget	FY23 Proposed	Change
<b>Variable O&amp;M</b> <small>(i.e., chemicals, power, etc.)</small>	\$ 0.60	\$ 0.81	\$ 0.21
<b>Fixed O&amp;M</b> <small>(i.e., personnel, maintenance, etc.)</small>	\$ 0.73	\$ 0.85	\$ 0.12
<b>Capital</b>	\$ 1.66	\$ 1.73	\$ 0.07
<b>Total (per 1,000 gal.)</b>	<b>\$ 2.99*</b>	<b>\$ 3.39*</b>	<b>\$ 0.40</b>

\*Customer Cities/Entities rate + \$.05






## WATER SYSTEM

<p><b>Who Benefits</b></p> <p style="text-align: center;">Allen Farmersville Forney Frisco Garland McKinney Mesquite Plano Princeton Richardson Rockwall Royse City Wylie</p> <p style="font-size: small; text-align: center;">plus 34 Customer Cities/Entities</p>	<p><b>Major Projects Needed</b></p> <ul style="list-style-type: none"> <li>• McKinney Delivery Point No. 3 to No. 4 Pipeline (\$101M)</li> <li>• Wylie Water Treatment Plant (WTP) Conversion to Biologically Active Filtration (\$82M)</li> <li>• Northeast McKinney Pump Station (\$60M)</li> <li>• Future Water Supply Project (\$58M)</li> <li>• Systemwide Meter Vault Improvements Phases IV and V (\$47M)</li> <li>• North Garland System Ground Storage Tank (\$44M)</li> <li>• Waterline Relocations for TXDOT Road Improvements (\$34M)</li> <li>• 36" Plano Westside Pipeline (to Plano No. 3 and Richardson No. 2) (\$21M)</li> <li>• Wylie to Rockwall Pipeline Relocation, Phase II (\$19M)</li> </ul>	<p><b>Staff Required*</b></p> <p style="text-align: center;">146 ↑ 10</p>	<p><b>FY23 Budget</b></p> <p style="text-align: center;">\$ 215.9M Capital/Debt \$ 207.9M O&amp;M \$ 423.8M Total</p> <p style="text-align: center;"><b>Wholesale water rate:</b> 13.38 % increase \$3.39 per 1,000 gallons</p>
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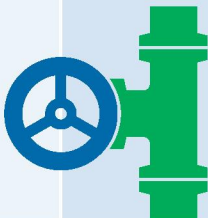
\*does not include support staff








# REGIONAL WASTEWATER SYSTEM\*\* (treatment)

 Who Benefits	 Major Projects Needed	 Staff Required*	 FY23 Budget
Allen Forney Frisco Heath McKinney Melissa Mesquite Plano Princeton Prosper Richardson Rockwall Seagoville  <small>plus 4 Customer Cities/Entities</small>	<ul style="list-style-type: none"> <li>• South Mesquite RWWTP Peak Flow Management &amp; Expansion (\$151M)</li> <li>• Rowlett Creek RWWTP Peak Flow Management Phase II (\$46M)</li> <li>• Rowlett Creek RWWTP Operations Building Construction (\$8M)</li> <li>• Floyd Branch RWWTP Peak Flow and UV Improvements (\$5M)</li> <li>• Lower East Fork RWRRF Land (\$15M)</li> </ul> 	160  ↑ 15	\$ 41.6M Capital/Debt \$ 55.7M O&M \$ 97.4M Total  Estimated wholesale Member wastewater cost per 1,000 gallons: ↑ 8.44%

# UPPER EAST FORK INTERCEPTOR SYSTEM\*\* (wastewater collection system)

 Who Benefits	 Major Projects Needed	 Staff Required*	 FY23 Budget
Allen Frisco McKinney Melissa Plano Princeton Prosper Richardson  <small>plus 4 Customer Cities/Entities</small>	<ul style="list-style-type: none"> <li>• McKinney East Side Gravity Extension Improvements (\$23M)</li> <li>• US Highway 380 Lift Station and Force Main Design (\$8M)</li> </ul> 	23  no change	\$ 30.3M Capital/Debt \$ 19.2M O&M \$ 49.5M Total  Estimated wholesale Member wastewater cost per 1,000 gallons: ↑ 12.1%

# SOLID WASTE SYSTEM

 Who Benefits	 Major Projects Needed	 Staff Required*	 FY23 Budget
Allen Frisco McKinney Plano Richardson  <small>and other third party customers in proximity to our facilities</small>	<ul style="list-style-type: none"> <li>• Fleet Maintenance Facility (\$12M)</li> <li>• Parkway Transfer Station Conversion to Top Load (\$8M)</li> <li>• 121 Regional Disposal Facility Sectors 6B and 6C Mass Excavation (\$5M)</li> <li>• 121 RDF Heavy Equipment Shop Addition (\$5M)</li> <li>• North Transfer Station Property and Design (\$4M)</li> <li>• 121 RDF South Slope Closure (\$4.1M)</li> <li>• 121 RDF Cell 6A Construction (\$1.1 M)</li> </ul> 	116  ↑ 3	\$ 8.0M Capital/Debt \$ 35.4M O&M \$ 43.4M Total  Wholesale Member solid waste service cost per ton: \$38.25 (no change)

\*\*Does not include small system costs, projects and staffing as those vary by participants of each local system.

\*does not include support staff



## MORE WAYS WE ARE MANAGING COSTS

### *Financial Management*

NTMWD continues to build on its commitment to strong stewardship and transparency providing greater online access to more detailed financial data. NTMWD received recognition under the Transparency Stars program through the Texas Comptroller of Public Accounts which recognizes local governments for going above and beyond in transparency efforts. The District was awarded **the Transparency Star for Traditional Finances in 2021 and the Transparency Star for Debt Obligations in 2022**. NTMWD was also recognized by the **Government Finance Officers Association (GFOA) with its third Distinguished Budget Presentation Award**, the highest honor a public sector organization can receive for its budget document.

Growth within our region, supply chain shortages and unstable construction costs have impacted the capital improvement program budget. The District's implementation of a new financing tool, **Extendable Commercial Paper Programs (ECP) in the Regional Water System, Regional Wastewater System and Upper East Fork Interceptor System provided critical liquidity in financing capital projects as funding requirements changed in 2022**. ECP is a short-term financial instrument used to appropriate capital improvement projects. The ECP programs allow the District to appropriate capital projects without issuing long-term debt upfront and issue ECP notes as required for cash flow purposes.

The District refinanced Regional Water System bonds in FY22 which resulted in total savings of \$39.259M between 2022-2032.

The Regional Solid Waste System bond rating was upgraded by Standard & Poor's from a AA rating to a AA+ rating. The following systems also had credit rating increases by S&P from A- to A: Sabine Creek WWTP, Sabine Creek Interceptor, Parker Creek Interceptor, and Parker Creek Parallel Interceptor.

The Purchasing Department continues to implement its Competitive Bid and Proposal process. Cost avoidance is calculated by taking the total amount of all bids received and dividing by the number of bids received, then subtracting that from the awarded amount. This shows the value of going through a competitive process - FY22 Cost Avoidance \$4.45M as of August 2022.

### *Operations*

#### **Solid Waste**

**Alternate Liner System** – Both state and federal regulations require a composite liner system for landfills consisting of 2 feet of clay, a 60 mil thick HDPE geomembrane, a double-sided drainage geocomposite, and 2 feet of protective cover. NTMWD received approval from the TCEQ to replace the 2 feet of clay

with a geosynthetic clay liner (GCL). By eliminating 2 feet of clay, construction time is reduced by almost half. Also, 2 feet of additional excavation is not needed along with processing the clay. This is an additional cost savings to the construction process.

#### **Wastewater**

##### **Solids De-watering Optimization at Wilson Creek RWWTP and Current Construction Initiatives at the Rowlett Creek RWWTP**

Recently installed centrifuge de-watering equipment at Wilson Creek resulted in a 30% reduction in bio-solids hauling and removal. The centrifuges replaced Belt Filter Presses that were at the end of their service life but were also older and less efficient technology. Centrifuge equipment is being reviewed and added to other facilities based on production requirement and was most recently included as part of the Rowlett Creek RWWTP solids handling improvements.

#### **Water**

##### **Chemical Optimization at Wylie Treatment Complex**

Chemical optimization efforts resulted in a reduction of chemicals used in the coagulation process at the Wylie Treatment complex. These efforts resulted in chemical feed reduction for polymer and lime, resulting in a cost avoidance of approximately \$700,000. In addition to the budgetary savings, the need for extra maintenance associated with our lime system was reduced.

##### **Water Conveyance System Water Quality Improvements**

Implementation of operational changes to delivery point level management during lower summer demand periods has resulted in a significant reduction of field staff labor hours and total gallons of water discharged during water quality flushing efforts. Recently installed water quality testing stations in strategic locations throughout the water conveyance system have proven effective in collection of critical water quality data and supporting preemptive response to water quality maintenance activities in the water conveyance system. Blow Off Valve (BOV) improvements in multiple locations in the water conveyance system provides field staff easier access and facilitates more efficient and safe flushing practices.

#### **Energy**

##### **Energy Strategies**

Due to established energy strategies used within NTMWD energy program, the District is able to minimize the impacts of increasing energy costs. NTMWD works closely with our power utilities and retail electric providers to accurately forecast our anticipated energy needs and lock in enough fixed price blocks of power to keep our energy costs predictable and to achieve the best practical rates. In addition, the NTMWD water operation's team, with our 4 Coincident Peaks (4CP) efforts, reduces pumping in the hot peak hours of the summer months in order to help the Texas power grid and minimize NTMWD exposure to high power prices.