


NORTH TEXAS MUNICIPAL WATER DISTRICT
ANNUAL REPORT OF OUTSTANDING DEBT OBLIGATIONS
AS OF
SEPTEMBER 30, 2016

Annual Report of Outstanding Debt Obligations

This Annual Report has been prepared to provide an overview of the North Texas Municipal Water District's outstanding debt obligations as of September 30, 2016 and has been prepared pursuant to House Bill 1378.

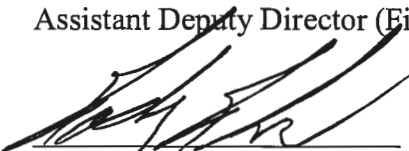
General information regarding the North Texas Municipal Water District may be obtained at its Administrative Offices located at 501 E. Brown Street in Wylie Texas, by phone at 972-442-5405, or email at executivedirector.info@ntmwd.com. Questions concerning any of the information provided in this Annual Report or additional financial information should be addressed to the office of the Finance Manager, P.O. Box 2408, Wylie Texas 75098.

Finance Manager



Erik Felthous

Assistant Deputy Director (Finance and Personnel)



Rodney Rhoades

Deputy Director (Finance and Personnel)



Judd Sanderson

TABLE OF CONTENTS

Summary	1
Regional Water System	2
Regional Wastewater System	5
Regional Solid Waste System	8
Upper East Fork Interceptor System	11
Little Elm Water Transmission Facilities	14
Plano Water Transmission Facilities	17
Rockwall-Heath Water Storage Facilities	20
Terrell Water Transmission Facilities	23
Rockwall Water Pump Station Facilities	26
S. Rockwall (Buffalo Creek) Wastewater Treatment Plant	29
Panther Creek Wastewater Treatment Plant	32
Sabine Creek Wastewater Treatment Plant	35
Stewart Creek Wastewater Treatment Plant	38
Muddy Creek Wastewater Treatment Plant	41
Lower East Fork Interceptor	44
Muddy Creek Interceptor	47
Parker Creek Interceptor	50
Sabine Creek Interceptor	53
Buffalo Creek Interceptor	56
Mustang Creek Interceptor	59
Parker Creek Parallel Interceptor	62

North Texas Municipal Water District
Outstanding Debt Summary
As Of September 30, 2016

System	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
					Principal	Interest	Total
Regional Water System	\$ 1,340,445,553	\$ 1,152,208,714	\$ 129,786,286	11/27/50	\$ 1,178,824,382	\$ 676,286,491	\$ 1,855,110,872
Regional Wastewater System	\$ 283,285,000	\$ 167,506,460	\$ 115,778,540	6/1/46	\$ 222,355,000	\$ 106,207,658	\$ 328,562,658
Regional Solid Waste System	\$ 58,720,000	\$ 45,782,577	\$ 12,937,423	9/1/35	\$ 45,315,000	\$ 14,053,144	\$ 59,368,144
Upper East Fork Interceptor System	\$ 224,765,000	\$ 177,302,328	\$ 47,462,672	6/1/46	\$ 168,605,000	\$ 65,306,257	\$ 233,911,257
Little Elm Water Transmission Facilities	\$ 3,555,000	\$ 3,555,000	\$ -	6/1/23	\$ 2,580,000	\$ 206,688	\$ 2,786,688
Plano Water Transmission Facilities	\$ 5,840,000	\$ 5,840,000	\$ -	6/1/18	\$ 1,015,000	\$ 44,175	\$ 1,059,175
Rockwall-Heath Water Storage Facilities	\$ 3,020,000	\$ 3,020,000	\$ -	6/1/25	\$ 1,690,000	\$ 372,115	\$ 2,062,115
Terrell Water Transmission Facilities	\$ 10,465,000	\$ 10,465,000	\$ -	6/1/35	\$ 10,000,000	\$ 4,152,700	\$ 14,152,700
Rockwall Water Pump Station Facilities	\$ 2,145,000	\$ 2,145,000	\$ -	6/1/26	\$ 1,330,000	\$ 357,120	\$ 1,687,120
S. Rockwall (Buffalo Creek) Wastewater Treatment Plant	\$ 2,960,000	\$ 2,960,000	\$ -	6/1/28	\$ 2,115,000	\$ 862,031	\$ 2,977,031
Panther Creek Wastewater Treatment Plant	\$ 40,150,000	\$ 40,150,000	\$ -	6/1/29	\$ 34,840,000	\$ 11,308,050	\$ 46,148,050
Sabine Creek Wastewater Treatment Plant	\$ 5,785,000	\$ 5,785,000	\$ -	6/1/23	\$ 4,380,000	\$ 503,100	\$ 4,883,100
Stewart Creek Wastewater Treatment Plant	\$ 69,685,000	\$ 28,544,890	\$ 41,140,110	6/1/35	\$ 64,080,000	\$ 27,707,122	\$ 91,787,122
Muddy Creek Wastewater Treatment Plant	\$ 15,260,000	\$ 15,260,000	\$ -	6/1/26	\$ 12,685,000	\$ 2,340,300	\$ 15,025,300
Lower East Fork Interceptor	\$ 10,745,000	\$ 10,745,000	\$ -	6/1/26	\$ 10,680,000	\$ 2,435,775	\$ 13,115,775
Muddy Creek Interceptor	\$ 2,135,000	\$ 2,135,000	\$ -	6/1/24	\$ 1,765,000	\$ 260,100	\$ 2,025,100
Parker Creek Interceptor	\$ 2,615,000	\$ 2,615,000	\$ -	6/1/23	\$ 1,270,000	\$ 272,250	\$ 1,542,250
Sabine Creek Interceptor	\$ 2,115,000	\$ 2,115,000	\$ -	6/1/23	\$ 1,025,000	\$ 219,959	\$ 1,244,959
Buffalo Creek Interceptor	\$ 13,050,000	\$ 13,050,000	\$ -	6/1/27	\$ 10,375,000	\$ 2,371,710	\$ 12,746,710
Mustang Creek Interceptor	\$ 10,620,000	\$ 10,125,859	\$ 494,141	6/1/42	\$ 9,835,000	\$ 5,682,206	\$ 15,517,206
Parker Creek Parallel Interceptor	\$ 3,045,000	\$ 291,311	\$ 2,753,689	6/1/36	\$ 3,045,000	\$ 903,829	\$ 3,948,829
Total	\$ 2,110,405,553	\$ 1,701,602,139	\$ 350,352,861		\$ 1,787,809,382	\$ 921,852,780	\$ 2,709,662,161

North Texas Municipal Water District
Debt Information - Regional Water System
As Of September 30, 2016

I. Outstanding Bonds / Contracts Payable

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
1977	5/12/67	* \$ 16,129,750	N/A	N/A	1/1/27	\$ 6,080,054	\$ 1,238,601	\$ 7,318,655
1985	6/27/85	* \$ 21,381,297	N/A	N/A	12/1/24	\$ 7,157,901	\$ 1,202,992	\$ 8,360,893
2000	6/24/76	* \$ 3,350,321	N/A	N/A	6/11/50	\$ 2,786,640	\$ 1,799,372	\$ 4,586,012
2001	6/24/76	* \$ 17,589,185	N/A	N/A	11/27/50	\$ 15,024,787	\$ 10,361,069	\$ 25,385,855
2008	6/15/08	\$ 111,780,000	\$ 111,780,000	\$ -	9/1/38	\$ 96,115,000	\$ 65,276,788	\$ 161,391,788
2009A	3/1/09	\$ 9,930,000	\$ 9,930,000	\$ -	9/1/28	\$ 9,930,000	\$ 1,420,598	\$ 11,350,598
2009B	7/15/09	\$ 43,980,000	\$ 43,980,000	\$ -	9/1/27	\$ 25,750,000	\$ 3,613,121	\$ 29,363,121
2009C	11/15/09	\$ 34,330,000	\$ 34,330,000	\$ -	9/1/21	\$ 13,575,000	\$ 2,023,100	\$ 15,598,100
2009D	11/15/09	\$ 109,520,000	\$ 107,657,989	\$ 1,862,011	9/1/39	\$ 103,740,000	\$ 85,206,388	\$ 188,946,388
2010	10/15/10	\$ 31,720,000	\$ 31,720,000	\$ -	9/1/20	\$ 14,250,000	\$ 1,434,950	\$ 15,684,950
2010A	10/15/10	\$ 108,345,000	\$ 106,578,557	\$ 1,766,443	9/1/40	\$ 108,345,000	\$ 98,900,219	\$ 207,245,219
2012	6/15/12	\$ 358,835,000	\$ 356,081,127	\$ 2,753,873	9/1/32	\$ 312,720,000	\$ 125,922,156	\$ 438,642,156
2014	6/15/14	\$ 171,430,000	\$ 146,859,502	\$ 24,570,498	9/1/34	\$ 167,230,000	\$ 65,948,388	\$ 233,178,388
2015	4/15/15	\$ 302,125,000	\$ 203,291,541	\$ 98,833,459	9/1/44	\$ 296,120,000	\$ 211,938,750	\$ 508,058,750
Total		<u>\$ 1,340,445,553</u>	<u>\$ 1,152,208,714</u>	<u>\$ 129,786,286</u>		<u>\$ 1,178,824,382</u>	<u>\$ 676,286,491</u>	<u>\$ 1,855,110,872</u>

Bond Credit Ratings:
S&P AAA
Moody's Aa2

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

* Represents the date NTMWD entered into an Agreement with the United States Government of a Contract Payable.

North Texas Municipal Water District
Debt Information - Regional Water System
As Of September 30, 2016

II. Purpose of Bonds / Contracts Payable

<u>Series</u>	<u>Description</u>
1977	Payments to United States Government for Contracts Payable for Lake Lavon Enlargement Project Cost of the Immediate Use Water Supply.
1985	Payments to United States Government for Contracts Payable for Lake Lavon Enlargement Project Cost of the Future Use Water Supply.
2000	Payments to United States Government for Contracts Payable for Jim Chapman Lake 16% of NTMWD's Share of Costs of Water Supply.
2001	Payments to United States Government for Contracts Payable for Jim Chapman Lake 84% of NTMWD's Share of Costs of Water Supply.
2008	(i) Construction of a 30 mgd WTP near Lake Tawakoni, Acquisition of Property for Extensions and Improvements to the Water System, Improvements to the Lake Texoma Pump Station and Other Related System Improvements; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.
2009A	(i) Obtain Necessary Permits for the Lower Bois D'Arc Creek Reservoir.
2009B	(i) Improving the Water System.
2009C	(i) Acquisition of Mitigation Land and Interests in Such Land Necessary for the Lower Bois D'Arc Creek Reservoir and Acquisition of Certain Water Treatment Process Improvements; (ii) Pay Cost of Issuance of the Bonds; and (iii) Refund the 2001 Bonds.
2009D	(i) Acquisition of Mitigation Land and Interests in Such Land Necessary for the Lower Bois D'Arc Creek Reservoir and Through the Acquisition and Construction of Certain Water Treatment Process Improvements.
2010	(i) Prepay Amounts Payable Pursuant to a Water Storage Agreement with the Department of the Army with Respect to Lake Texoma; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.
2010A	(i) Acquisition and Construction of Ozonation Facilities at the Wylie WTP; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.
2012	(i) Design, Acquisition of Property, and Construction of Facilities for the Extension of the Texoma Raw Water Pipeline to the Wylie WTP and Other Related Improvements; (ii) Refund the 2004 Bonds ; (iii) Fund the Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.
2014	(i) Acquisition of Property and Design of the Dam for Lower Bois D'Arc Creek Reservoir, Construction of Wylie WTP II Filter Underdrain Improvements, Construction of Shiloh Pump Station Improvements, and Other Related System Improvements; (ii) Refund the 2006 and 2006A Bonds ; (iii) Fund the Debt Service Fund; and (iv) Pay Cost of Issuance of the Bonds.
2015	(i) Construction of Trinity Main Stem Pump Station, Purchase Pipe Material for Trinity Main Stem Pump Pipeline, Construction of Wylie Water Treatment Plant Chemical System Improvements, and Other System Improvements; (ii) Refund the 2006 and 2006A Bonds; and (iii) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Regional Water System
As Of September 30, 2016**

III. Source of Payments

Entity

City of Allen
City of Farmersville
City of Forney
City of Frisco
City of Garland
City of McKinney
City of Mesquite
City of Plano
City of Princeton
City of Richardson
City of Rockwall
City of Royse City
City of Wylie

North Texas Municipal Water District
Debt Information - Regional Wastewater System
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2008	5/15/08	\$ 49,565,000	\$ 49,565,000	\$ -	6/1/18	\$ 4,570,000	\$ 345,500	\$ 4,915,500
2009	6/15/09	\$ 34,960,000	\$ 34,960,000	\$ -	6/1/29	\$ 26,335,000	\$ 9,182,276	\$ 35,517,276
2012	3/15/12	\$ 14,105,000	\$ 13,808,402	\$ 296,598	6/1/31	\$ 11,190,000	\$ 3,195,550	\$ 14,385,550
2013	3/15/13	\$ 24,330,000	\$ 21,049,434	\$ 3,280,566	6/1/33	\$ 21,780,000	\$ 6,464,988	\$ 28,244,988
2015	8/15/15	\$ 65,250,000	\$ 11,980,348	\$ 53,269,652	6/1/45	\$ 63,405,000	\$ 38,879,456	\$ 102,284,456
2016	8/25/16	\$ 95,075,000	\$ 36,143,275	\$ 58,931,725	6/1/46	\$ 95,075,000	\$ 48,139,888	\$ 143,214,888
Total		<u>\$ 283,285,000</u>	<u>\$ 167,506,460</u>	<u>\$ 115,778,540</u>		<u>\$ 222,355,000</u>	<u>\$ 106,207,658</u>	<u>\$ 328,562,658</u>

Bond Credit Ratings:
S&P AAA
Moody's Aa2

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Regional Wastewater System
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2008	(i) Construction of 8 MGD Expansion to Mesquite WWTP; (ii) Design 8 MGD Expansion to Wilson Creek WWTP; (iii) Design and Construction of Other Related System Improvements; (iv) Fund Debt Service Reserve Fund; and (v) Pay Cost of Issuance of the Bonds.
2009	(i) Construction of 8 MGD Expansion to Wilson Creek WWTP; (ii) Construction of other Related System Improvements; (iii) Fund Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.
2012	(i) Construction of Odor Control Improvements at Rowlett Creek WWTP; (ii) Construction of Electrical Improvements at Mesquite WWTP; (iii) Construction of Other Improvements to the Regional Wastewater System; (iv) Fund Debt Service Reserve Fund; and (v) Pay Cost of Issuance of the Bonds.
2013	(i) Construction of Aeration System at Mesquite WWTP; (ii) Construction of Headworks Improvements at Wilson Creek WWTP; (iii) Other Improvements to the Regional Wastewater System; (iv) Fund Debt Service Reserve Fund; and (v) Pay Cost of Issuance of the
2015	(i) Wilson Creek WWTP Advanced Treatment and Headworks Project; (ii) Mesquite WWTP Filter and Ultraviolet Improvements Project; (iii) Other System Improvements; (iv) Refund the 2007 Bonds; and (v) Pay Cost of Issuance of the Bonds.
2016	(i) Construction of Rowlett Creek WWTP Peak Flow Improvements, Mesquite WWTP Filter and Ultraviolet Improvements and Other System Improvements; (ii) Refund a Portion of the District's Outstanding Bonds; (iii) Fund a Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Regional Wastewater System
As Of September 30, 2016

III. Source of Payments

<u>Entity</u>
City of Allen
City of Forney
City of Frisco
City of Heath
City of McKinney
City of Mesquite
City of Plano
City of Princeton
City of Prosper
City of Richardson
City of Rockwall
City of Seagoville

North Texas Municipal Water District
Debt Information - Regional Solid Waste System
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2009	2/15/09	\$ 22,115,000	\$ 20,425,121	\$ 1,689,879	9/1/28	\$ 15,560,000	\$ 5,589,288	\$ 21,149,288
2010	8/15/10	\$ 18,295,000	\$ 18,295,000	\$ -	9/1/23	\$ 12,100,000	\$ 1,652,263	\$ 13,752,263
2015	11/19/15	\$ 18,310,000	\$ 7,062,456	\$ 11,247,544	9/1/35	\$ 17,655,000	\$ 6,811,594	\$ 24,466,594
Total		\$ 58,720,000	\$ 45,782,577	\$ 12,937,423		\$ 45,315,000	\$ 14,053,144	\$ 59,368,144

Bond Credit Ratings:

S&P AA
Moody's Aa3

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Regional Solid Waste System
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2009	(i) 900 Ton/Day Expansion to Lookout Transfer Station; (ii) Acquisition of a North Transfer Station Site; (iii) Other System Improvements for the District's Regional Solid Waste System; and (iv) Pay Cost of Issuance of the Bonds.
2010	(i) Refund the 2003 Bonds; and (ii) Pay Cost of Issuance of the Bonds.
2015	(i) Construction of Transfer Station Improvements; (ii) An 11 Acre Expansion of the 121 Regional Disposal Composting Facility; (iii) Refunding a Portion of the District's Outstanding Debt; and (iv) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Regional Solid Waste System
As Of September 30, 2016**

III. Source of Payments

Entity

City of Allen
City of Frisco
City of McKinney
City of Plano
City of Richardson

North Texas Municipal Water District
Debt Information - Upper East Fork Interceptor System
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2008	4/15/08	\$ 34,600,000	\$ 34,600,000	\$ -	6/1/18	\$ 3,190,000	\$ 241,250	\$ 3,431,250
2009	4/15/09	\$ 53,210,000	\$ 53,094,364	\$ 115,636	6/1/29	\$ 40,610,000	\$ 13,921,788	\$ 54,531,788
2012	8/15/12	\$ 57,205,000	\$ 50,218,067	\$ 6,986,933	6/1/32	\$ 47,175,000	\$ 13,959,725	\$ 61,134,725
2015	3/15/15	\$ 40,280,000	\$ 24,211,446	\$ 16,068,554	6/1/35	\$ 38,160,000	\$ 15,750,608	\$ 53,910,608
2016	8/25/16	\$ 39,470,000	\$ 15,178,451	\$ 24,291,549	6/1/46	\$ 39,470,000	\$ 21,432,887	\$ 60,902,887
Total		<u>\$ 224,765,000</u>	<u>\$ 177,302,328</u>	<u>\$ 47,462,672</u>		<u>\$ 168,605,000</u>	<u>\$ 65,306,257</u>	<u>\$ 233,911,257</u>

Bond Credit Ratings:
S&P AAA
Moody's Aa1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Upper East Fork Interceptor System
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2008	(i) Design and Construction of Various Wastewater Interceptor Pipelines and Related Facilities; (ii) Acquisition of Right-of-Way; (iii) Fund the Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.
2009	(i) Construction of the North McKinney Phase I Force Main, Indian Creek/Preston Road Subsystem Phase II Force Main, McKinney East Side Gravity Extension and Various Other Wastewater Interceptor Pipelines and Related Facilities; (ii) Acquisition of Right-of-Way; (iii) Fund the Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.
2012	(i) Construction of the Lower Cottonwood Gravity Outfall, the Wilson Creek Interceptor, the Dublin Road Relift Station, and Various Other Wastewater Interceptor Pipelines and Related Facilities; (ii) Refund the 2004 Bonds; (iii) Fund the Debt Service Reserve Fund; and (iv) Pay Cost of Issuance of the Bonds.
2015	(i) Construction of Improvements for the Lower Rowlett Creek Lift Station, Richardson Spring Creek Lift Station, and Beck Branch Lift Station; Installation of Generators for the Preston Road Lift Station, Prairie Creek Lift Station, Beck Branch Lift Station, McKinney Lift Station, and Wilson Creek Lift Station, and Other System Improvements; (ii) Refund the 2005 Bonds; (iii) Fund the Debt Service Reserve Fund; and (iv) Pay the Cost of Issuance of the Bonds.
2016	(i) Construction of North McKinney Interceptor Improvements, Lower Rowlett Creek and Lower Cottonwood Creek Lift Station Improvements, Lower White Rock Lift Station Improvements, and Other System Improvements; (ii) Refund a Portion of the District's Outstanding Bonds; and (iii) Pay the Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Upper East Fork Interceptor System
As Of September 30, 2016

III. Source of Payments

Entity

City of Allen
City of Frisco
City of McKinney
City of Plano
City of Princeton
City of Prosper
City of Richardson

North Texas Municipal Water District
Debt Information - Little Elm Water Transmission Facilities
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2013	1/1/13	\$ 3,555,000	\$ 3,555,000	\$ -	6/1/23	\$ 2,580,000	\$ 206,688	\$ 2,786,688
Total		<u>\$ 3,555,000</u>	<u>\$ 3,555,000</u>	<u>\$ -</u>		<u>\$ 2,580,000</u>	<u>\$ 206,688</u>	<u>\$ 2,786,688</u>

Bond Credit Ratings:
 Moody's Aa3

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Little Elm Water Transmission Facilities
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2013	(i) Refund the 2003 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Little Elm Water Transmission Facilities
As Of September 30, 2016

III. Source of Payments

Entity

City of Little Elm

North Texas Municipal Water District
Debt Information - Plano Water Transmission Facilities
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2009	10/15/09	\$ 5,840,000	\$ 5,840,000	\$ -	6/1/18	\$ 1,015,000	\$ 44,175	\$ 1,059,175
Total		<u>\$ 5,840,000</u>	<u>\$ 5,840,000</u>	<u>\$ -</u>		<u>\$ 1,015,000</u>	<u>\$ 44,175</u>	<u>\$ 1,059,175</u>

Bond Credit Ratings:
 S&P AAA
 Moody's Aaa

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Plano Water Transmission Facilities
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2009	(i) Refund the 1997 and 1998 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Plano Water Transmission Facilities
As Of September 30, 2016

III. Source of Payments

Entity

City of Plano

North Texas Municipal Water District
Debt Information - Rockwall-Heath Water Storage Facilities
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2005	6/15/05	\$ 3,020,000	\$ 3,020,000	\$ -	6/1/25	\$ 1,690,000	\$ 372,115	\$ 2,062,115
Total		<u>\$ 3,020,000</u>	<u>\$ 3,020,000</u>	<u>\$ -</u>		<u>\$ 1,690,000</u>	<u>\$ 372,115</u>	<u>\$ 2,062,115</u>

Bond Credit Ratings:
 S&P AA
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Rockwall-Heath Water Storage Facilities
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2005	(i) Design and Construction of a 3 MG Water Storage Facility; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Rockwall-Heath Water Storage Facilities
As Of September 30, 2016

III. Source of Payments

Entity

City of Heath
City of Rockwall

North Texas Municipal Water District
Debt Information - Terrell Water Transmission Facilities
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2014	12/1/14	\$ 10,465,000	\$ 10,465,000	\$ -	6/1/35	\$ 10,000,000	\$ 4,152,700	\$ 14,152,700
Total		<u>\$ 10,465,000</u>	<u>\$ 10,465,000</u>	<u>\$ -</u>		<u>\$ 10,000,000</u>	<u>\$ 4,152,700</u>	<u>\$ 14,152,700</u>

Bond Credit Ratings:
S&P A

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Terrell Water Transmission Facilities
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2014	(i) Refund the 2005 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Terrell Water Transmission Facilities
As Of September 30, 2016

III. Source of Payments

Entity

City of Terrell

North Texas Municipal Water District
Debt Information - Rockwall Water Pump Station Facilities
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2006	3/15/06	\$ 2,145,000	\$ 2,145,000	\$ -	6/1/26	\$ 1,330,000	\$ 357,120	\$ 1,687,120
Total		<u>\$ 2,145,000</u>	<u>\$ 2,145,000</u>	<u>\$ -</u>		<u>\$ 1,330,000</u>	<u>\$ 357,120</u>	<u>\$ 1,687,120</u>

Bond Credit Ratings:
 S&P AA
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Rockwall Water Pump Station Facilities
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2006	(i) Design and Construction of a Pump Station; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Rockwall Water Pump Station Facilities
As Of September 30, 2016

III. Source of Payments

Entity

City of Rockwall

North Texas Municipal Water District
Debt Information - S. Rockwall (Buffalo Creek) Wastewater Treatment Plant
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2008	11/15/08	\$ 2,960,000	\$ 2,960,000	\$ -	6/1/28	\$ 2,115,000	\$ 862,031	\$ 2,977,031
Total		<u>\$ 2,960,000</u>	<u>\$ 2,960,000</u>	<u>\$ -</u>		<u>\$ 2,115,000</u>	<u>\$ 862,031</u>	<u>\$ 2,977,031</u>

Bond Credit Ratings:
 S&P AA
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - S. Rockwall (Buffalo Creek) Wastewater Treatment Plant
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2008	(i) Acquisition and Construction of Standby Power and Miscellaneous Improvements to the Existing 3.5 mgd Lift Station for the Buffalo Creek Plant; (ii) Installation of 8,500 feet of 18 inch and 24 inch Interceptor Line and Other Related Buffalo Creek Plant Improvements; (iii) Fund the Debt Service Fund; and (iv) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - S. Rockwall (Buffalo Creek) Wastewater Treatment Plant
As Of September 30, 2016

III. Source of Payments

Entity

City of Rockwall

North Texas Municipal Water District
Debt Information - Panther Creek Wastewater Treatment Plant
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2009	2/15/09	\$ 20,210,000	\$ 20,210,000	\$ -	6/1/29	\$ 15,005,000	\$ 5,551,750	\$ 20,556,750
2014	10/1/14	\$ 19,940,000	\$ 19,940,000	\$ -	6/1/26	\$ 19,835,000	\$ 5,756,300	\$ 25,591,300
Total		\$ 40,150,000	\$ 40,150,000	\$ -		\$ 34,840,000	\$ 11,308,050	\$ 46,148,050

Bond Credit Ratings:
S&P AA-
Moody's Aa3
Fitch A+

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Panther Creek Wastewater Treatment Plant
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2009	(i) Construction of 5 mgd Expansion to Panther Creek WWTP and Other Related System Improvements; and (ii) Pay Cost of Issuance of the Bonds.
2014	(i) Refund the 2006 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Panther Creek Wastewater Treatment Plant
As Of September 30, 2016**

III. Source of Payments

Entity

City of Frisco

North Texas Municipal Water District
Debt Information - Sabine Creek Wastewater Treatment Plant
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2012	10/1/12	\$ 5,785,000	\$ 5,785,000	\$ -	6/1/23	\$ 4,380,000	\$ 503,100	\$ 4,883,100
Total		<u>\$ 5,785,000</u>	<u>\$ 5,785,000</u>	<u>\$ -</u>		<u>\$ 4,380,000</u>	<u>\$ 503,100</u>	<u>\$ 4,883,100</u>

Bond Credit Ratings:

S&P BBB
Moody's Baa1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Sabine Creek Wastewater Treatment Plant
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2012	(i) Refund the 2003 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Sabine Creek Wastewater Treatment Plant
As Of September 30, 2016

III. Source of Payments

Entity

City of Fate

City of Royse City

North Texas Municipal Water District
Debt Information - Stewart Creek Wastewater Treatment Plant
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2011	12/1/11	\$ 3,840,000	\$ 3,840,000	\$ -	6/1/19	\$ 1,535,000	\$ 48,822	\$ 1,583,822
2015	9/15/15	\$ 65,845,000	\$ 24,704,890	\$ 41,140,110	6/1/35	\$ 62,545,000	\$ 27,658,300	\$ 90,203,300
Total		\$ 69,685,000	\$ 28,544,890	\$ 41,140,110		\$ 64,080,000	\$ 27,707,122	\$ 91,787,122

Bond Credit Ratings:
S&P AA-
Moody's Aa3

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Stewart Creek Wastewater Treatment Plant
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2011	(i) Refund the 1998 Bonds.
2015	(i) Expansion of the Stewart Creek WWTP from 5 MGD to 10 MGD; (ii) Fund the Debt Service Reserve Fund; and (iii) Pay Cost of Issuance of the Bonds

North Texas Municipal Water District
Debt Information - Stewart Creek Wastewater Treatment Plant
As Of September 30, 2016

III. Source of Payments

Entity

City of Frisco

North Texas Municipal Water District
Debt Information - Muddy Creek Wastewater Treatment Plant
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2012	4/15/12	\$ 9,615,000	\$ 9,615,000	\$ -	6/1/23	\$ 7,095,000	\$ 1,329,000	\$ 8,424,000
2016	3/24/16	\$ 5,645,000	\$ 5,645,000	\$ -	6/1/26	\$ 5,590,000	\$ 1,011,300	\$ 6,601,300
Total		\$ 15,260,000	\$ 15,260,000	\$ -		\$ 12,685,000	\$ 2,340,300	\$ 15,025,300

Bond Credit Ratings:

S&P AA-
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Muddy Creek Wastewater Treatment Plant
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2012	(i) Refund the 2003 Bonds; and (ii) Pay Cost of Issuance of the Bonds.
2016	(i) Refund \$5,755,000 of the 2006 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Muddy Creek Wastewater Treatment Plant
As Of September 30, 2016

III. Source of Payments

Entity

City of Murphy
City of Wylie

North Texas Municipal Water District
Debt Information - Lower East Fork Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2016	3/24/16	\$ 10,745,000	\$ 10,745,000	\$ -	6/1/26	\$ 10,680,000	\$ 2,435,775	\$ 13,115,775
Total		<u>\$ 10,745,000</u>	<u>\$ 10,745,000</u>	<u>\$ -</u>		<u>\$ 10,680,000</u>	<u>\$ 2,435,775</u>	<u>\$ 13,115,775</u>

Bond Credit Ratings:

S&P AA
Moody's Aa2

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Lower East Fork Interceptor
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2016	(i) Refund \$11,715,000 of the 2006 Bonds; and (ii) Pay Cost Issuance of Bonds.

**North Texas Municipal Water District
Debt Information - Lower East Fork Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Mesquite
City of Seagoville

North Texas Municipal Water District
Debt Information - Muddy Creek Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2014	10/1/14	\$ 2,135,000	\$ 2,135,000	\$ -	6/1/24	\$ 1,765,000	\$ 260,100	\$ 2,025,100
Total		<u>\$ 2,135,000</u>	<u>\$ 2,135,000</u>	<u>\$ -</u>		<u>\$ 1,765,000</u>	<u>\$ 260,100</u>	<u>\$ 2,025,100</u>

Bond Credit Ratings:
 Moody's AA-

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

**North Texas Municipal Water District
Debt Information - Muddy Creek Interceptor
As Of September 30, 2016**

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2014	(i) Refund the 2004 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Muddy Creek Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Murphy
City of Wylie

North Texas Municipal Water District
Debt Information - Parker Creek Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2003	5/1/03	\$ 2,615,000	\$ 2,615,000	\$ -	6/1/23	\$ 1,270,000	\$ 272,250	\$ 1,542,250
Total		<u>\$ 2,615,000</u>	<u>\$ 2,615,000</u>	<u>\$ -</u>		<u>\$ 1,270,000</u>	<u>\$ 272,250</u>	<u>\$ 1,542,250</u>

Bond Credit Ratings:

S&P BBB+
 Moody's Baa1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

**North Texas Municipal Water District
Debt Information - Parker Creek Interceptor
As Of September 30, 2016**

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2003	(i) Design and Construction of a Wastewater Interceptor Pipeline and Related Facilities; (ii) Acquisition of Right-of-Way; (iii) Fund the Debt Service Fund; (iv) Provide Funds to Pay Interest on the Bonds During Construction; and (v) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Parker Creek Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Fate

City of Royse City

North Texas Municipal Water District
Debt Information - Sabine Creek Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2003	5/1/03	\$ 2,115,000	\$ 2,115,000	\$ -	6/1/23	\$ 1,025,000	\$ 219,959	\$ 1,244,959
Total		<u>\$ 2,115,000</u>	<u>\$ 2,115,000</u>	<u>\$ -</u>		<u>\$ 1,025,000</u>	<u>\$ 219,959</u>	<u>\$ 1,244,959</u>

Bond Credit Ratings:
 S&P BBB+
 Moody's Baa1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

**North Texas Municipal Water District
Debt Information - Sabine Creek Interceptor
As Of September 30, 2016**

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2003	(i) Design and Construction of a Wastewater Interceptor Pipeline and Related Facilities; (ii) Acquisition of Right-of-Way; (iii) Fund the Debt Service Fund; (iv) Provide Funds to Pay Interest on the Bonds During Construction; and (v) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Sabine Creek Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Royse City

North Texas Municipal Water District
Debt Information - Buffalo Creek Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2007	7/15/07	\$ 3,045,000	\$ 3,045,000	\$ -	6/1/27	\$ 1,995,000	\$ 609,685	\$ 2,604,685
2012	4/15/12	\$ 10,005,000	\$ 10,005,000	\$ -	6/1/24	\$ 8,380,000	\$ 1,762,025	\$ 10,142,025
Total		\$ 13,050,000	\$ 13,050,000	\$ -		\$ 10,375,000	\$ 2,371,710	\$ 12,746,710

Bond Credit Ratings:

S&P AA
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Buffalo Creek Interceptor
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2007	(i) Acquisition, Construction, and Improvement of the Buffalo Creek Wastewater Interceptor Pipeline and Related Facilities; (ii) Acquisition of Right-of-Way; (iii) Fund the Debt Service Fund; and (iv) Pay Cost of Issuance of the Bonds.
2012	(i) Refund the 2004 Bonds; and (ii) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Buffalo Creek Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Forney
City of Heath
City of Rockwall

North Texas Municipal Water District
Debt Information - Mustang Creek Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2012	8/15/12	\$ 10,620,000	\$ 10,125,859	\$ 494,141	6/1/42	\$ 9,835,000	\$ 5,682,206	\$ 15,517,206
Total		<u>\$ 10,620,000</u>	<u>\$ 10,125,859</u>	<u>\$ 494,141</u>		<u>\$ 9,835,000</u>	<u>\$ 5,682,206</u>	<u>\$ 15,517,206</u>

Bond Credit Ratings:
 S&P A
 Moody's A1

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Mustang Creek Interceptor
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2012	(i) Acquisition, Construction, and Improvement of the Mustang Creek Wastewater Interceptor System; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.

**North Texas Municipal Water District
Debt Information - Mustang Creek Interceptor
As Of September 30, 2016**

III. Source of Payments

Entity

City of Forney

North Texas Municipal Water District
Debt Information - Parker Creek Parallel Interceptor
As Of September 30, 2016

I. Outstanding Bonds

Series	Dated	Issued Amount	Spent Amount	Unspent Amount	Final Maturity	Future Debt Service Requirements		
						Principal	Interest	Total
2016	8/25/16	\$ 3,045,000	\$ 291,311	\$ 2,753,689	6/1/36	\$ 3,045,000	\$ 903,829	\$ 3,948,829
Total		<u>\$ 3,045,000</u>	<u>\$ 291,311</u>	<u>\$ 2,753,689</u>		<u>\$ 3,045,000</u>	<u>\$ 903,829</u>	<u>\$ 3,948,829</u>

Bond Credit Ratings:
 S&P A-

Note: No Outstanding Debt Obligations Are Secured By Ad Valorem Taxation.

North Texas Municipal Water District
Debt Information - Parker Creek Parallel Interceptor
As Of September 30, 2016

II. Purpose of Bonds

<u>Series</u>	<u>Description</u>
2016	(i) Acquisition and Construction of the Parker Creek Parallel Wastewater Interceptor System; (ii) Fund the Debt Service Fund; and (iii) Pay Cost of Issuance of the Bonds.

North Texas Municipal Water District
Debt Information - Parker Creek Parallel Interceptor
As Of September 30, 2016

III. Source of Payments

Entity

City of Fate