



City of Graham

Long-Term Debt Information - HB1378 - Local Gov't Code §140.008

At the beginning of Fiscal Year 2016/2017, the total long-term debt owed by the City of Graham was \$16,279,500.

The General fund issued debt includes two debt obligations. The first is General Obligation Refunding Bonds, Series 2013 that was originally issued for \$1,250,000 and the current balance due is \$565,000. The Swimming Pool portion of debt is paid directly from the General Fund. The Young County Arena portion of debt is paid by the Graham Economic Improvement Corporation (GEIC). The second is the City of Graham, Texas, Hospital Revenue Bonds, Taxable Series 2001 that was originally issued for \$1,819,500 and the current balance due is \$0.00. Graham Regional Medical Center satisfied this debt on June 30, 2017.

The Water Fund issued debt includes two Combination Tax & Revenue Certificates of Obligation (CO). Series 2013 was originally issued for \$2,445,000 and the current balance due is \$2,135,000. Series 2013A was originally issued for \$12,285,000 and the current balance due is \$11,080,000. Both COs were issued for a new water treatment plant, water plant improvement projects and equipment.

The Sewer Fund is long-term debt-free.

Below is a table that shows how much principal and interest is due every year for each certificate of obligation.

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Approved by:

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City Manager

**Bond Debt Service  
GRAHAMREF 13  
City of Graham, Texas  
\$1,250,000 General Obligation Refunding Bonds, Series 2013**

Ending	Principal	Coupon	Interest	Total P+I	Fiscal Total	Balance
5/30/2013						1,250,000.00
8/15/2013			5,225.00	5,225.00		
9/30/2013					5,225.00	1,250,000.00
2/15/2014	165,000.00	1.000%	7,837.50	172,837.50		
8/15/2014			7,012.50	7,012.50		
9/30/2014					179,850.00	1,085,000.00
2/15/2015	170,000.00	1.000%	7,012.50	177,012.50		
8/15/2015			6,162.50	6,162.50		
9/30/2015					183,175.00	915,000.00
2/15/2016	175,000.00	1.000%	6,162.50	181,162.50		
8/15/2016			5,287.50	5,287.50		
9/30/2016					186,450.00	740,000.00
2/15/2017	175,000.00	1.000%	5,287.50	180,287.50		
8/15/2017			4,412.50	4,412.50		
9/30/2017					184,700.00	565,000.00
2/15/2018	185,000.00	1.000%	4,412.50	189,412.50		
8/15/2018			3,487.50	3,487.50		
9/30/2018					192,900.00	380,000.00
2/15/2019	125,000.00	1.500%	3,487.50	128,487.50		
8/15/2019			2,550.00	2,550.00		
9/30/2019					131,037.50	255,000.00
2/15/2020	125,000.00	2.000%	2,550.00	127,550.00		
8/15/2020			1,300.00	1,300.00		
9/30/2020					128,850.00	130,000.00
2/15/2021	130,000.00	2.000%	1,300.00	131,300.00		
9/30/2021					131,300.00	0.00
<b>TOTAL</b>	<b>\$1,250,000.00</b>		<b>\$73,487.50</b>	<b>\$1,323,487.50</b>		<b>-</b>

**Yield Statistics**

Accrued Interest from 04/15/2013 to 05/30/2013	1,609.38
Bond Year Dollars	\$4,308.33
Average Life	4.442 Years
Average Coupon	1.5192457%
Net Interest Cost (NIC)	1.5192457%
True Interest Cost (TIC)	1.5190064%
Bond Yield for Arbitrage Purposes	1.4378154%
All Inclusive Cost (AIC)	2.1568507%

**IRS Form 8038**

Net Interest Cost	1.4818907%
Weighted Average Maturity	4.442 Years

**Bond Debt Service  
GRAHAMCO 13  
City of Graham, Texas**

**\$2,445,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013**

Period Ending	Principal	Coupon	Interest	Total P+I	Fiscal Total	Balance
5/30/2013	-					2,445,000.00
2/15/2014	-		75,166.67	75,166.67		
8/15/2014	45,000.00	3.000%	45,100.00	90,100.00		
9/30/2014	-				165,266.67	2,400,000.00
2/15/2015	-		44,425.00	44,425.00		
8/15/2015	85,000.00	3.000%	44,425.00	129,425.00		
9/30/2015	-				173,850.00	2,315,000.00
2/15/2016	-		43,150.00	43,150.00		
8/15/2016	90,000.00	3.000%	43,150.00	133,150.00		
9/30/2016	-				176,300.00	2,225,000.00
2/15/2017	-		41,800.00	41,800.00		
8/15/2017	90,000.00	3.000%	41,800.00	131,800.00		
9/30/2017	-				173,600.00	2,135,000.00
2/15/2018	-		40,450.00	40,450.00		
8/15/2018	95,000.00	2.500%	40,450.00	135,450.00		
9/30/2018	-				175,900.00	2,040,000.00
2/15/2019	-		39,262.50	39,262.50		
8/15/2019	100,000.00	2.500%	39,262.50	139,262.50		
9/30/2019	-				178,525.00	1,940,000.00
2/15/2020	-		38,012.50	38,012.50		
8/15/2020	105,000.00	2.500%	38,012.50	143,012.50		
9/30/2020	-				181,025.00	1,835,000.00
2/15/2021	-		36,700.00	36,700.00		
8/15/2021	105,000.00	4.000%	36,700.00	141,700.00		
9/30/2021	-				178,400.00	1,730,000.00
2/15/2022	-		34,600.00	34,600.00		
8/15/2022	110,000.00	4.000%	34,600.00	144,600.00		
9/30/2022	-				179,200.00	1,620,000.00
2/15/2023	-		32,400.00	32,400.00		
8/15/2023	115,000.00	4.000%	32,400.00	147,400.00		
9/30/2023	-				179,800.00	1,505,000.00
2/15/2024	-		30,100.00	30,100.00		
8/15/2024	120,000.00	4.000%	30,100.00	150,100.00		
9/30/2024	-				180,200.00	1,385,000.00
2/15/2025	-		27,700.00	27,700.00		
8/15/2025	125,000.00	4.000%	27,700.00	152,700.00		
9/30/2025	-				180,400.00	1,260,000.00
2/15/2026	-		25,200.00	25,200.00		
8/15/2026	130,000.00	4.000%	25,200.00	155,200.00		
9/30/2026	-				180,400.00	1,130,000.00
2/15/2027	-		22,600.00	22,600.00		
8/15/2027	140,000.00	4.000%	22,600.00	162,600.00		
9/30/2027	-				185,200.00	990,000.00
2/15/2028	-		19,800.00	19,800.00		
8/15/2028	145,000.00	4.000%	19,800.00	164,800.00		
9/30/2028	-				184,600.00	845,000.00
2/15/2029	-		16,900.00	16,900.00		
8/15/2029	155,000.00	4.000%	16,900.00	171,900.00		
9/30/2029	-				188,800.00	690,000.00
2/15/2030	-		13,800.00	13,800.00		
8/15/2030	160,000.00	4.000%	13,800.00	173,800.00		
9/30/2030	-				187,600.00	530,000.00
2/15/2031	-		10,600.00	10,600.00		
8/15/2031	170,000.00	4.000%	10,600.00	180,600.00		
9/30/2031	-				191,200.00	360,000.00

**Bond Debt Service  
GRAHAMCO 13  
City of Graham, Texas**

**\$2,445,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013**

<b>Period Ending</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Total P+I</b>	<b>Fiscal Total</b>	<b>Balance</b>
2/15/2032	-	-	7,200.00	7,200.00		
8/15/2032	175,000.00	4.000%	7,200.00	182,200.00		
9/30/2032	-	-	-	-	189,400.00	185,000.00
2/15/2033	-	-	3,700.00	3,700.00		
8/15/2033	185,000.00	4.000%	3,700.00	188,700.00		
9/30/2033	-	-	-	-	192,400.00	0.00
<b>TOTAL</b>	<b>\$2,445,000.00</b>		<b>\$1,177,066.67</b>	<b>\$3,622,066.67</b>		

**Yield Statistics**

Accrued Inters from 04/15/2013 to 05/30/2013	11,275.00
Bond Year Dollars	\$30,380.00
Average Life	12.425 Years
Average Coupon	3.8744788%
Net Interest Cost (NIC)	3.8744788%
True Interest Cost (TIC)	3.8506077%
Bond Yield for Arbitrage Purposes	3.6548968%
All Inclusive Cost (AIC)	4.0506978%

**IRS Form 8038**

Net Interest Cost	3.5427086%
Weighted Average Maturity	12.346 Years

**Bond Debt Service  
GRAHAMCO 13A  
City of Graham, Texas**

**\$12,285,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013A**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service	Balance
8/15/2014			461,298.83	461,298.83		
9/30/2014					461,298.83	12,285,000.00
2/15/2015			292,372.50	292,372.50		
8/15/2015	390,000	3.750%	292,372.50	682,372.50		
9/30/2015					974,745.00	11,895,000.00
2/15/2016			285,060.00	285,060.00		
8/15/2016	400,000	3.750%	285,060.00	685,060.00		
9/30/2016					970,120.00	11,495,000.00
2/15/2017			277,560.00	277,560.00		
8/15/2017	415,000	3.750%	277,560.00	692,560.00		
9/30/2017					970,120.00	11,080,000.00
2/15/2018			269,778.75	269,778.75		
8/15/2018	425,000	3.750%	269,778.75	694,778.75		
9/30/2018					964,557.50	10,655,000.00
2/15/2019			261,810.00	261,810.00		
8/15/2019	445,000	3.750%	261,810.00	706,810.00		
9/30/2019					968,620.00	10,210,000.00
2/15/2020			253,466.25	253,466.25		
8/15/2020	460,000	4.000%	253,466.25	713,466.25		
9/30/2020					966,932.50	9,750,000.00
2/15/2021			244,266.25	244,266.25		
8/15/2021	480,000	4.000%	244,266.25	724,266.25		
9/30/2021					968,532.50	9,270,000.00
2/15/2022			234,666.25	234,666.25		
8/15/2022	505,000	4.100%	234,666.25	739,666.25		
9/30/2022					974,332.50	8,765,000.00
2/15/2023			224,313.75	224,313.75		
8/15/2023	530,000	4.400%	224,313.75	754,313.75		
9/30/2023					978,627.50	8,235,000.00
2/15/2024			212,653.75	212,653.75		
8/15/2024	555,000	4.600%	212,653.75	767,653.75		
9/30/2024					980,307.50	7,680,000.00
2/15/2025			199,888.75	199,888.75		
8/15/2025	585,000	4.800%	199,888.75	784,888.75		
9/30/2025					984,777.50	7,095,000.00
2/15/2026			185,848.75	185,848.75		
8/15/2026	620,000	5.000%	185,848.75	805,848.75		
9/30/2026					991,697.50	6,475,000.00
2/15/2027			170,348.75	170,348.75		
8/15/2027	655,000	5.100%	170,348.75	825,348.75		
9/30/2027					995,697.50	5,820,000.00
2/15/2028			153,646.25	153,646.25		
8/15/2028	695,000	5.100%	153,646.25	848,646.25		
9/30/2028					1,002,292.50	5,125,000.00
2/15/2029			135,923.75	135,923.75		
8/15/2029	735,000	5.250%	135,923.75	870,923.75		
9/30/2029					1,006,847.50	4,390,000.00
2/15/2030			116,630.00	116,630.00		
8/15/2030	780,000	5.250%	116,630.00	896,630.00		
9/30/2030					1,013,260.00	3,610,000.00
2/15/2031			96,155.00	96,155.00		
8/15/2031	825,000	5.250%	96,155.00	921,155.00		
9/30/2031					1,017,310.00	2,785,000.00
2/15/2032			74,498.75	74,498.75		
8/15/2032	875,000	5.350%	74,498.75	949,498.75		
9/30/2032					1,023,997.50	1,910,000.00

**Bond Debt Service  
GRAHAMCO 13A  
City of Graham, Texas**

**\$12,285,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013A**

<b>Period Ending</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Annual Debt Service</b>	<b>Balance</b>
2/15/2033			51,092.50	51,092.50		
8/15/2033	925,000	5.350%	51,092.50	976,092.50		
9/30/2033					1,027,185.00	985,000.00
2/15/2034			26,348.75	26,348.75		
8/15/2034	985,000	5.350%	26,348.75	1,011,348.75		
9/30/2034					1,037,697.50	0.00
<b>TOTAL</b>	<b>\$12,285,000.00</b>		<b>\$7,993,956.33</b>	<b>\$20,278,956.33</b>		