

**MEMORANDUM OF CITY OF LOVELAND CITY COUNCIL CONSENT
TO THE ISSUANCE OF DEBT AND EXTENSION OF DEBT MATURITY
PURSUANT VDW METROPOLITAN DISTRICT NOS. 1-3 SERVICE PLAN**

Pursuant to Section VII.B of the Consolidated Service Plan for VDW Metropolitan District Nos. 1, 2 and 3 (the "Service Plan"), approved by the City of Loveland City Council (the "City Council") by Resolution #R-9-2002 on March 20, 2002, VDW Metropolitan District Nos. 1-3 (the "Districts") may not issue any bonds after July 1, 2012, except with the prior approval of the City Council as evidenced by a resolution after a public hearing thereon. Further, pursuant to Section VII.E of the Service Plan, the Districts shall not extend the final maturity or increase the total debt service of any District debt through refinancing or any other method without the prior approval of the City Council, following a public hearing thereon.

On December 28, 2015 and January 12, 2016, the Districts caused a notice of a public hearing to be published in the Loveland Reporter-Herald, which notice provided that the City Council would consider a request by the Districts to issue bonds on a date after July 1, 2012 and a request to extend the maturity of a portion of the Districts' current debt.

Following a public hearing on January 19, 2016 at 6:30 p.m. at the City Council Chambers, 500 East Third Street, Loveland, Colorado, the City Council adopted Resolution #R-13-2016 approving the Districts' request to issue bonds on a date after July 1, 2012, subject to certain conditions in the resolution, and approving the request to extend the maturity of a portion of the Districts' current debt. A copy of Resolution #R-13-2016 is attached hereto as Exhibit A and incorporated herein. This memorandum is intended to serve as further notice of this action and to affirm that it is applicable to all property within the boundaries of the Districts. A map of the current boundaries of the Districts is attached hereto as Exhibit B and incorporated herein.

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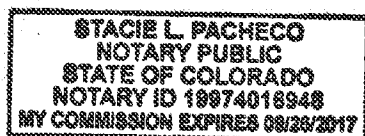
Alan D. Pogue, General Counsel
Icenogle Seaver Pogue, P.C.

STATE OF COLORADO)
)
) SS.
CITY AND COUNTY OF DENVER)

The foregoing instrument was acknowledged before me this 10th day of March, 2016 by Alan D. Pogue, as general counsel to VDW Metropolitan District Nos. 1-3.

WITNESS my hand and official seal.

My commission expires:



09/26/2017
Stacie L. Pacheco
 Notary Public

Exhibit A
City Council Resolution #R-13-2016

RESOLUTION #R-13-2016

**A RESOLUTION OF THE LOVELAND CITY COUNCIL APPROVING
THE ISSUANCE OF BONDS AND EXTENSION OF DEBT MATURITY
FOR VDW METROPOLITAN DISTRICTS NOS. 1 – 3**

WHEREAS, pursuant to Section 32-1-204.5, C.R.S., as amended, the City Council (the “City Council”) of the City of Loveland, Colorado (the “City”) approved the Consolidated Service Plan (the “Service Plan”) for VDW Metropolitan Districts Nos. 1 – 3 (the “Districts”) on March 20, 2002; and

WHEREAS, the Districts currently have outstanding debt in the form of Limited Property Tax Supported Revenue Bonds, Series 2007 (the “2007 Bonds”) and Limited Property Tax Supported Revenue Bonds, Series 2011 (the “2011 Bonds”); and

WHEREAS, the Service Plan’s Financing Plan contemplates the issuance of three series of bonds to be issued by or before 2012; and

WHEREAS, the Service Plan’s development projections were prepared prior to the Service Plan’s approval in 2002, and after this time a real estate recession affected Colorado development, severely suppressing real estate development throughout the State, which resulted in development within the Districts occurring at a slower pace than anticipated in 2002; and

WHEREAS, real estate and economic conditions have since improved, and development within the Districts is now capable of supporting the issuance of a third series of bonds (the “2016 Bonds”), which series was contemplated in the Service Plan to be issued in 2012; and

WHEREAS, the Districts desire to issue the 2016 Bonds in one or more series, as more fully described in Exhibit A attached hereto and incorporated herein by reference, to provide the Districts with additional funds for the construction of necessary public infrastructure for the benefit of the Districts’ residents and public at large and to refund existing District obligations as contemplated in the Service Plan; and

WHEREAS, a portion of the proceeds of the 2016 Bonds will be used to refund the 2007 Bonds at a cost savings to the Districts and their taxpaying residents over time, which refunding requires extending the maturity of the 2007 Bonds; and

WHEREAS, Section VII.B. of the Service Plan provides that the Districts may not issue any bonds after July 1, 2012, except with the prior approval of the City Council as evidenced by a resolution after a public hearing thereon, and any attempted issuance in violation of this provision shall be deemed to be a material departure from the Service Plan; and

WHEREAS, Section VII.E of the Service Plan provides that the Districts shall not extend the final maturity or increase the total debt service of any District debt through refinancing or any other method without the prior approval of the City Council, following a public hearing thereon; and

WHEREAS, the Districts have requested that the City Council consider the question of whether the Districts may issue the 2016 Bonds as the third series of bonds contemplated by the Service Plan (the "Bonds Request"), and to consider the question of whether the Districts may refund the 2007 Bonds, which refunding will extend the maturity of the 2007 Bonds, to take advantage of the current favorable market conditions and provide cost savings to the Districts and their taxpayers (the "Refunding Request"); and

WHEREAS, notice of the public hearing before the City Council for its consideration of the Bonds Request and the Refunding Request was duly published in the *Loveland Reporter-Herald* on December 28, 2015 and January 12, 2016, as evidenced by the "Affidavits of Publication," attached hereto as Exhibit B and incorporated herein by reference; and

WHEREAS, the City Council held a public hearing on the Bonds Request and Refunding Request on January 19, 2016; and

WHEREAS, the City Council has considered the Bonds Request, the Refunding Request, and all other testimony and evidence presented at the hearing.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LOVELAND, COLORADO:

Section 1. That the hearing before the City Council was open to the public; that all interested parties were heard or had the opportunity to be heard; and that all relevant testimony and evidence submitted to the City Council was considered.

Section 2. That at the hearing, evidence was presented that was satisfactory to the City Council for finding that the Districts have, or will have, the financial ability to discharge the proposed indebtedness and the refunded indebtedness on a reasonable basis and that the creation and extension of the debt will be in the best interest of the area served by the Districts.

Section 3. That the City Council hereby determines that the notice of the public hearing by City Council was made in a timely manner.

Section 4. That the City Council hereby approves the Districts' Bonds Request and approves the issuance of the 2016 Bonds subject to the following conditions:

- a. The maximum total repayment costs for the 2016 Bonds shall not exceed \$30,000,000.
- b. The annual debt service for the 2016 Bonds shall not exceed \$3,000,000.
- c. Council approves, per Service Plan Sections VII.B and VII.E, the District's refunding all or a portion of the 2016 Bonds and the 2011 Bonds in the future, provided that such refunding generates a positive net present value savings, and further provided that prior to such refunding, the District provides the City Manager and City Attorney within an opinion of an

independent financial advisor that the proposed refunding does generate a positive net present value savings.

Section 5. That the City Council hereby approves the Districts' Refunding Request to refund the 2007 Bonds, including the extension, as part of the 2016 Bonds, of the maturity of the 2007 Bonds necessary to accomplish the refunding.

Section 6. That all provisions of the Service Plan remain in full force and effect, and the Districts' actions taken in accordance with this Resolution are not a material departure from the Service Plan.

Section 7. That nothing herein limits the City's powers with respect to the Districts, the properties within the Districts, or the improvements to be constructed by the Districts.

Section 8. That the City's findings are based solely upon the evidence presented by the Districts and such other evidence presented at the public hearing, and the City has not conducted any independent investigation of the evidence. The City makes no guarantee as to the financial viability of the Districts or the achievability of results.

Section 9. That this Resolution shall be effective as of the date of its adoption.

Adopted this 19th day of January, 2016.



CITY OF LOVELAND, COLORADO, a Colorado
municipal corporation

By: Cecil A. Gutierrez
Cecil Gutierrez, Mayor

ATTEST:

By: Linda D. Williams
City Clerk

APPROVED AS TO FORM:

Tom Yelton
City Attorney

EXHIBIT A

2016 Bonds Financing

VAN de WATER METROPOLITAN DISTRICT Nos. 1-3

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Interest 2016A U.O. Expend, Adv. Refg. of Ser 2017 plus New Money, Assurances 1993 Rated, 30-yr.; plus Sub. Ser. 2016B Cash Flow Budget

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2/1/2013 0 VOWAD Fin Plan 15.xlsx

R07 FP pathv NG+CFSubs

Prepared by D.A. Davidson & Co.
 Draft. For discussion purposes only.

Contains confidential financial information. The information contained in this financial model is based on current projections, and is subject to change based on financial market conditions, development schedules, and other factors beyond the control of VDW MD Nos. 1-3. This model is provided by DA Davidson to demonstrate one method by which the Districts can issue and repay the debt described herein. This model does not demonstrate the only means by which the Districts may issue and repay debt, such other means being subject to determination by the Districts' boards of directors, and subject to the Districts' Service Plan, state law, and any required City approvals.

VAN DE WATER METROPOLITAN DISTRICT Nos. 1-3

Partial Growth Development Projection at 35.88% (target) District Mills

Series 2018A G.O. Bonds, Adv. Refg. of Ser 2007 plus New Money, Assumes BBB Rated, 30-yr., plus Sub. Ser. 2016B Cash Flow Bonds

\$7,648,000
\$3,643,139

YEAR	Net Available Per Debt Svc	Series 2007 Net Debt Service	Series 2011 Net Debt Service	Series 2016A Net Debt Service (Per \$3,643,139)	Total Net Debt Service	Less District Funds Contrib. at Closing	Annual Surplus	Surplus Reinvested @ 60% DVA to \$764,800	Cumulative Surplus	Senior Debt/ Assessed Ratio	Senior Debt/ Act'l Value Ratio	Conv. of Net Del: @ 35.88% DVA Target @ 48.98% DVA Target @ 40.00% DVA Target Less Ops \$174,819
2007	0	0	0	0	0	0	0	0	0	0%	0%	0%
2008	0	184,708	184,708	184,708	184,708	0	0	0	0	0%	0%	0%
2009	191,074	195,000	195,000	195,000	195,000	0	0	0	0	0%	0%	0%
2010	250,400	260,000	260,000	260,000	260,000	0	0	0	0	0%	0%	0%
2011	266,169	260,775	260,775	260,775	266,042	0	0	0	0	0%	0%	0%
2012	342,772	256,225	256,225	256,225	352,225	0	0	0	2,194	0%	0%	0%
2013	347,578	256,675	256,675	256,675	352,675	0	0	0	3,192	0%	0%	0%
2014	372,209	256,800	256,800	256,800	377,800	0	0	0	4,198	0%	0%	0%
2015	384,754	256,600	256,600	256,600	380,600	0	0	0	(11,648)	0%	0%	0%
2016	570,785	121,500	121,500	176,520	298,120	0	0	0	281,028	4%	115.4%	102%
2017	787,876	124,200	124,200	176,238	300,438	0	48,285	48,285	704,000	30%	111.7%	101%
2018	987,071	126,400	126,400	175,138	301,538	0	565,533	565,533	704,000	28%	113.7%	103%
2019	1,010,684	123,200	123,200	149,775	542,975	0	467,719	467,719	704,000	22%	101.5%	182%
2020	1,052,514	120,000	120,000	422,875	542,875	0	509,839	509,839	704,000	1%	246.4%	263%
2021	1,050,676	126,800	126,800	422,875	542,675	0	508,401	508,401	704,000	1%	281.9%	323%
2022	1,073,564	122,800	122,800	422,063	544,863	0	528,701	528,701	704,000	1%	168.8%	187%
2023	1,071,589	123,800	123,800	418,325	542,125	0	528,584	528,584	704,000	1%	174.9%	196%
2024	1,095,086	124,400	124,400	419,588	543,988	0	551,019	551,019	704,000	1%	175.0%	196%
2025	1,093,084	124,600	124,600	415,888	540,288	0	552,806	552,806	704,000	1%	177.7%	198%
2026	1,116,877	129,400	129,400	411,788	541,188	0	575,689	575,689	704,000	1%	182.7%	204%
2027	1,114,926	128,400	128,400	411,688	540,088	0	574,839	574,839	704,000	1%	186.1%	210%
2028	1,139,214	127,000	127,000	416,375	543,375	0	565,839	565,839	704,000	1%	186.5%	210%
2029	1,137,225	130,200	130,200	410,638	540,838	0	596,387	596,387	704,000	1%	189.0%	214%
2030	1,161,968	132,600	132,600	409,900	542,500	0	619,468	619,468	704,000	1%	188.6%	215%
2031	1,159,939	134,200	134,200	408,950	543,150	0	616,789	616,789	704,000	1%	193.1%	219%
2032	684,021	135,000	135,000	407,425	542,425	0	141,596	141,596	704,000	1%	192.9%	218%
2033	540,675	0	0	540,675	540,675	0	0	0	704,000	1%	197.7%	224%
2034	542,625	0	0	542,625	542,625	0	0	0	704,000	1%	197.7%	225%
2035	543,900	0	0	543,900	543,900	0	0	0	704,000	5%	200.9%	230%
2036	544,500	0	0	544,500	544,500	0	0	0	704,000	0%	200.4%	230%
2037	542,750	0	0	542,750	542,750	0	0	0	704,000	4%	204.2%	234%
2038	545,250	0	0	545,250	545,250	0	0	0	704,000	3%	208.0%	239%
2039	541,750	0	0	541,750	541,750	0	0	0	704,000	0%	208.3%	240%
2040	542,500	0	0	542,500	542,500	0	0	0	704,000	0%	213.2%	246%
2041	542,250	0	0	542,250	542,250	0	0	0	704,000	2%	213.3%	246%
2042	541,000	0	0	541,000	541,000	0	0	0	704,000	0%	218.1%	252%
2043	543,750	0	0	543,750	543,750	0	0	0	704,000	1%	217.0%	251%
2044	540,250	0	0	540,250	540,250	0	0	0	704,000	0%	222.8%	258%
2045	540,750	0	0	540,750	540,750	0	0	0	704,000	0%	222.6%	258%
	26,473,854	1,926,783	2,615,867	13,390,180	17,932,845	0	8,778,257	8,782,455				

10/Nov/2015 16:00:00

10/Nov/2015 15:00:00

VAN de WATER METROPOLITAN DISTRICT NOS. 1-3

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Series 2016A G.O. Bonds, Adv. Refg. of Ser 2007 plus New Money, Assumes ISSB Rated, 30-yr.; plus Sub. Ser. 2016B Cash Flow Bondg.

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Prepared by C.A. Davidson & Co.
Draft: For discussion purposes only.

Contains confidential financial information. The information contained in this financial model is based on current projections, and is subject to change based on internal market conditions, development schedules, and other factors beyond the control of VCMC MD Nos. 1-3. This model is provided by DA Davidson to demonstrate one method by which the Districts can issue and repay the debt described herein. This model does not demonstrate the only means by which the Districts may issue and repay debt, such other means being subject to determination by the Districts' boards of directors, and subject to the Districts' Service Plan, state law, and any required City approvals.

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VAN DE WAYER METROPOLITAN DISTRICT Nos. 1-3
Future Development Projection - Buildout Plan (updated 8/18/15)

YEAR	SFD2a - Parcel D										SFD - Parcel H										SFD - (School) Sub										SFD - Store Front									
	# Lots Devel'd	# Lots Finshed Lot Value @ 10%	# Units Completed 178 target	Price Initiated @ 2%	Market Value	# Lots Devel'd	10% Value @	# Units Completed 85 target	Price Initiated @ 2%	Market Value	# Lots Devel'd	10% Value @	# Units Completed 130 target	Price Initiated @ 2%	Market Value	# Lots Devel'd	10% Value @	# Units Completed 150 target	Price Initiated @ 2%	Market Value	# Lots Devel'd	10% Value @	# Units Completed 180 target	Price Initiated @ 2%	Market Value	# Lots Devel'd	10% Value @	# Units Completed 210 target	Price Initiated @ 2%	Market Value										
2007	0	0	0	\$300,000	0	0	0	0	\$300,000	0	0	0	0	\$300,000	0	0	0	0	\$300,000	0	0	0	0	0	\$300,000	0	0	0	0	\$300,000	0									
2008	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2009	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2010	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2011	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2012	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2013	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000	0	0	0	0	300,000	0									
2014	120	3,600,000		300,000	36,000,000	20	600,000		300,000	6,000,000	0	0	0	300,000	3,000,000	0	0	0	300,000	3,000,000	0	0	0	0	300,000	3,000,000	0	0	0	300,000	3,000,000									
2015	50	(2,100,000)	120	300,000	15,300,000	25	150,000	20	300,000	9,000,000	0	0	0	300,000	6,000,000	0	0	0	300,000	6,000,000	0	0	0	0	300,000	6,000,000	0	0	0	300,000	6,000,000									
2016	0	(1,500,000)	50	300,000	15,300,000	25	150,000	25	306,000	9,150,000	0	0	0	306,000	9,150,000	0	0	0	306,000	9,150,000	0	0	0	0	306,000	9,150,000	0	0	0	306,000	9,150,000									
2017	0	0	0	312,120	0	0	0	0	312,120	0	0	0	0	312,120	0	0	0	0	312,120	0	0	0	0	0	312,120	0	0	0	0	312,120	0									
2018	0	0	0	318,362	0	0	(750,000)	25	318,362	7,959,060	0	0	0	318,362	7,959,060	0	0	0	318,362	7,959,060	0	0	0	0	318,362	7,959,060	0	0	0	318,362	7,959,060									
2019	0	0	0	324,730	0	0	0	0	324,730	0	0	0	0	324,730	0	0	0	0	324,730	0	0	0	0	0	324,730	0	0	0	0	324,730	0									
2020	0	0	0	331,224	0	0	0	0	331,224	0	0	0	0	331,224	0	0	0	0	331,224	0	0	0	0	0	331,224	0	0	0	0	331,224	0									
2021	0	0	0	337,649	0	0	0	0	337,649	0	0	0	0	337,649	0	0	0	0	337,649	0	0	0	0	0	337,649	0	0	0	0	337,649	0									
2022	0	0	0	344,606	0	0	0	0	344,606	0	0	0	0	344,606	0	0	0	0	344,606	0	0	0	0	0	344,606	0	0	0	0	344,606	0									
2023	0	0	0	351,498	0	0	0	0	351,498	0	0	0	0	351,498	0	0	0	0	351,498	0	0	0	0	0	351,498	0	0	0	0	351,498	0									
2024	0	0	0	358,528	0	0	0	0	358,528	0	0	0	0	358,528	0	0	0	0	358,528	0	0	0	0	0	358,528	0	0	0	0	358,528	0									
2025	0	0	0	365,696	0	0	0	0	365,696	0	0	0	0	365,696	0	0	0	0	365,696	0	0	0	0	0	365,696	0	0	0	0	365,696	0									
2026	0	0	0	373,012	0	0	0	0	373,012	0	0	0	0	373,012	0	0	0	0	373,012	0	0	0	0	0	373,012	0	0	0	0	373,012	0									
2027	0	0	0	380,473	0	0	0	0	380,473	0	0	0	0	380,473	0	0	0	0	380,473	0	0	0	0	0	380,473	0	0	0	0	380,473	0									
2028	0	0	0	388,042	0	0	0	0	388,042	0	0	0	0	388,042	0	0	0	0	388,042	0	0	0	0	0	388,042	0	0	0	0	388,042	0									
2029	0	0	0	395,844	0	0	0	0	395,844	0	0	0	0	395,844	0	0	0	0	395,844	0	0	0	0	0	395,844	0	0	0	0	395,844	0									
2030	0	0	0	403,761	0	0	0	0	403,761	0	0	0	0	403,761	0	0	0	0	403,761	0	0	0	0	0	403,761	0	0	0	0	403,761	0									
2031	0	0	0	411,836	0	0	0	0	411,836	0	0	0	0	411,836	0	0	0	0	411,836	0	0	0	0	0	411,836	0	0	0	0	411,836	0									
	170	0	170		51,300,000	95	0	95		28,412,060	0	0	0		28,412,060	0	0	0		28,412,060	0	0	0	0		28,412,060	0	0	95		23,144,520									

[1] Adj to actual/premium AV

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VAN DE WATER METROPOLITAN DISTRICT Nos. 1-3
Future Development Projection - Buildout Plan (updated 8/18/15)

YEAR	In-line Build					Retail Build					Gas Station				
	SF Demol	Inv/Chg/In Finished Lot Value @ 10%	Square Ft Completed 18,500	per Sq Ft Initiated @ 2%	Market Value	SF Demol	Inv/Chg/In Finished Lot Value @ 10%	Square Ft Completed 8,000	per Sq Ft Initiated @ 2%	Market Value	SF Demol	Inv/Chg/In Finished Lot Value @ 10%	Square Ft Completed 3,000	per Sq Ft Initiated @ 2%	Market Value
2007	0	0	0	\$135.00	90	0	0	0	\$95.00	\$0	0	0	0	\$250.00	\$0
2008	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2009	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2010	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2011	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2012	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2013	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2014	0	0	0	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2015	18,500	249,750	18,500	135.00	0	0	0	0	95.00	0	0	0	0	250.00	0
2016	0	(249,750)	18,500	137.70	2,547,450	0	0	0	96.90	0	0	0	0	250.00	0
2017	0	0	0	140.45	0	0	0	0	98.84	0	0	0	0	250.00	0
2018	0	0	0	143.26	0	0	0	0	100.81	0	0	0	0	250.00	0
2019	0	0	0	146.13	0	0	0	0	102.83	0	0	0	0	270.61	0
2020	0	0	0	149.05	0	0	0	0	104.89	0	0	0	0	276.02	0
2021	0	0	0	152.03	0	0	0	0	106.99	0	0	0	0	281.54	0
2022	0	0	0	155.07	0	0	0	0	109.13	0	0	0	0	287.17	0
2023	0	0	0	158.17	0	0	0	0	111.31	0	0	0	0	292.91	0
2024	0	0	0	161.34	0	0	0	0	113.53	0	0	0	0	298.77	0
2025	0	0	0	164.56	0	0	0	0	115.80	0	0	0	0	304.75	0
2026	0	0	0	167.86	0	0	0	0	118.12	0	0	0	0	310.84	0
2027	0	0	0	171.21	0	0	0	0	120.48	0	0	0	0	317.06	0
2028	0	0	0	174.64	0	0	0	0	122.89	0	0	0	0	323.40	0
2029	0	0	0	178.13	0	0	0	0	125.35	0	0	0	0	329.97	0
2030	0	0	0	181.69	0	0	0	0	127.86	0	0	0	0	336.47	0
2031	0	0	0	185.33	0	0	0	0	130.41	0	0	0	0	343.20	0
	18,500	0	18,500		2,547,450	0	0	0		0	0	0	0		0

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VAN DE WATER METROPOLITAN DISTRICT Nos. 1-3

Future Development Projection - Buildout Plan (updated 9/18/15)

YEAR	East Front Street				Industrial - Parcel C				Commercial Summary			
	SF	Value @ 10%	Finished Lot	Square Ft. Completed	SF	Value @ 10%	Finished Lot	Square Ft. Completed	Total Commercial Market Value	Total Commercial Sq Ft	Value +/- of Planned & Developed Lots Adjustment ¹	Adjusted Value
2007	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	860,483	860,483
2014	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	(21,483)	(21,483)
2016	0	0	0	0	0	0	0	0	0	0	0	248,750
2017	0	0	0	0	0	0	0	0	2,547,450	18,500	(839,000)	(1,088,750)
2018	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
									2,547,450	18,500	0	0

(1) Adj to actual/prior AY

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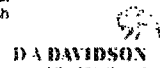
SOURCES AND USES OF FUNDS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A
Full Advance Refunding of Series 2007
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011)
SUBORDINATE SERIES 2016B
[Preliminary -- for discussion only]

Dated Date 03/03/2016
 Delivery Date 03/03/2016

Sources:	Ser. 2016A Senior Refunding & New Money	Ser. 2016B Sub Bonds	Total
Bond Proceeds:			
Par Amount	7,040,000.00	4,158,700.00	11,198,700.00
Net Premium	202,885.65		202,885.65
	7,242,885.65	4,158,700.00	11,401,585.65
Uses:	Ser. 2016A Senior Refunding & New Money	Ser. 2016B Sub Bonds	Total
Project Fund Deposits:			
Senior Ser. 2015 Project Fund	3,642,130.17		3,642,130.17
Sub 2015C Project Fund		3,379,471.33	3,379,471.33
Sub 2015D Project Fund		594,348.17	594,348.17
	3,642,130.17	3,973,819.50	7,615,949.67
Refunding Escrow Deposits:			
Cash Deposit	0.62		0.62
SLGS Purchases	2,846,231.00		2,846,231.00
	2,846,231.62		2,846,231.62
Other Fund Deposits:			
Capitalized Interest Fund	536,326.42		536,326.42
Delivery Date Expenses:	216,200.00	184,880.50	401,080.50
Other Uses of Funds:			
Bond Rounding	1,997.44		1,997.44
	7,242,885.65	4,158,700.00	11,401,585.65

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BOND MATURITY TABLE

VAN de WATER METROPOLITAN DISTRICT GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A Full Advance Refunding of Series 2007

New Money Senior Parity Bonds

Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense

Assumes BBB Rated, BQ, 30-yr. Maturity

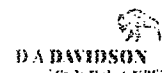
(No Growth / No Reassessment Assumptions, wraps Series 2011)

SUBORDINATE SERIES 2016B

[Preliminary -- for discussion only]

Maturity Date	Ser. 2016A Senior Refunding & New Money	Ser. 2016B Sub Bonds	Total
12/01/2016	85,000		85,000
12/01/2017	55,000		55,000
12/01/2018	55,000		55,000
12/01/2019	105,000		105,000
12/01/2020	110,000		110,000
12/01/2021	105,000		105,000
12/01/2022	115,000		115,000
12/01/2023	115,000		115,000
12/01/2024	120,000		120,000
12/01/2025	120,000		120,000
12/01/2026	120,000		120,000
12/01/2027	125,000		125,000
12/01/2028	135,000		135,000
12/01/2029	135,000		135,000
12/01/2030	140,000		140,000
12/01/2031	145,000		145,000
12/01/2032	150,000		150,000
12/01/2033	290,000		290,000
12/01/2034	305,000		305,000
12/01/2035	320,000		320,000
12/01/2036	335,000		335,000
12/01/2037	350,000		350,000
12/01/2038	370,000		370,000
12/01/2039	385,000		385,000
12/01/2040	405,000		405,000
12/01/2041	425,000		425,000
12/01/2042	445,000		445,000
12/01/2043	470,000		470,000
12/01/2044	490,000		490,000
12/01/2045	515,000		515,000
12/15/2045		4,158,700	4,158,700
	7,040,000	4,158,700	11,198,700

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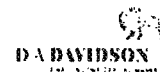
BOND PRICING

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A
Full Advance Refunding of Series 2007
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Yield to Maturity	Call Date	Call Price	Premium (-Discount)
Ser 2016A Term Bond due 2020:									
	12/01/2016	85,000	2.000%	2.000%	100.000				
	12/01/2017	55,000	2.000%	2.000%	100.000				
	12/01/2018	55,000	2.000%	2.000%	100.000				
	12/01/2019	105,000	2.000%	2.000%	100.000				
	12/01/2020	110,000	2.000%	2.000%	100.000				
		410,000							
Ser 2016A Term Bond due 2025:									
	12/01/2021	105,000	3.250%	3.390%	98.843				-1,214.85
	12/01/2022	115,000	3.250%	3.390%	98.843				-1,330.55
	12/01/2023	115,000	3.250%	3.390%	98.843				-1,330.55
	12/01/2024	120,000	3.250%	3.390%	98.843				-1,388.40
	12/01/2025	120,000	3.250%	3.390%	98.843				-1,388.40
		575,000							-6,652.75
Ser 2016A Term Bond due 2030:									
	12/01/2026	120,000	4.250%	3.920%	102.646 C	4.010%	12/01/2025	100.000	3,175.20
	12/01/2027	125,000	4.250%	3.920%	102.646 C	4.010%	12/01/2025	100.000	3,307.50
	12/01/2028	135,000	4.250%	3.920%	102.646 C	4.010%	12/01/2025	100.000	3,572.10
	12/01/2029	135,000	4.250%	3.920%	102.646 C	4.010%	12/01/2025	100.000	3,572.10
	12/01/2030	140,000	4.250%	3.920%	102.646 C	4.010%	12/01/2025	100.000	3,704.40
		655,000							17,331.30
Ser 2016A Term Bond due 2035:									
	12/01/2031	145,000	4.500%	4.200%	102.373 C	4.320%	12/01/2025	100.000	3,440.85
	12/01/2032	150,000	4.500%	4.200%	102.373 C	4.320%	12/01/2025	100.000	3,559.50
	12/01/2033	290,000	4.500%	4.200%	102.373 C	4.320%	12/01/2025	100.000	6,881.70
	12/01/2034	305,000	4.500%	4.200%	102.373 C	4.320%	12/01/2025	100.000	7,237.65
	12/01/2035	320,000	4.500%	4.200%	102.373 C	4.320%	12/01/2025	100.000	7,593.60
		1,210,000							28,713.30
Ser 2016A Term Bond due 2045:									
	12/01/2036	335,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	13,071.70
	12/01/2037	350,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	13,657.00
	12/01/2038	370,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	14,437.40
	12/01/2039	385,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	15,022.70
	12/01/2040	405,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	15,803.10
	12/01/2041	425,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	16,583.50
	12/01/2042	445,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	17,363.90
	12/01/2043	470,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	18,339.40
	12/01/2044	490,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	19,119.80
	12/01/2045	515,000	5.000%	4.500%	103.902 C	4.753%	12/01/2025	100.000	20,095.30
		4,190,000							163,493.80
		7,040,000							202,885.65

Dated Date	03/03/2016	
Delivery Date	03/03/2016	
First Coupon	06/01/2016	
Par Amount	7,040,000.00	
Premium	202,885.65	
Production	7,242,885.65	102.881898%
Underwriter's Discount	-35,200.00	-0.500000%
Purchase Price	7,207,685.65	102.381898%
Accrued Interest		
Net Proceeds	7,207,685.65	

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BOND SUMMARY STATISTICS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A
Full Advance Refunding of Series 2007
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]

Dated Date	03/03/2016
Delivery Date	03/03/2016
First Coupon	06/01/2016
Last Maturity	12/01/2045
Arbitrage Yield	5.826163%
True Interest Cost (TIC)	4.563320%
Net Interest Cost (NIC)	4.657835%
All-In TIC	4.765884%
Average Coupon	4.799208%
Average Life (years)	20.385
Weighted Average Maturity (years)	20.488
Duration of Issue (years)	12.920
Par Amount	7,040,000.00
Bond Proceeds	7,242,885.65
Total Interest	6,887,385.83
Net Interest	6,719,700.18
Bond Years from Dated Date	143,510,888.89
Bond Years from Delivery Date	143,510,888.89
Total Debt Service	13,927,385.83
Maximum Annual Debt Service	545,250.00
Average Annual Debt Service	468,234.86
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	5.000000
Total Underwriter's Discount	5.000000
Bid Price	102.381898

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Ser 2016A Term Bond due 2020	410,000.00	100.000	2.000%	2.988	184.50
Ser 2016A Term Bond due 2025	575,000.00	98.843	3.250%	7.805	471.50
Ser 2016A Term Bond due 2030	655,000.00	102.646	4.250%	12.821	537.10
Ser 2016A Term Bond due 2035	1,210,000.00	102.373	4.500%	18.162	980.10
Ser 2016A Term Bond due 2045	4,190,000.00	103.902	5.000%	25.638	3,352.00
	7,040,000.00			20.385	5,525.20

	TIC	All-In TIC	Arbitrage Yield
Par Value	7,040,000.00	7,040,000.00	11,198,700.00
+ Accrued Interest			
+ Premium (Discount)	202,885.65	202,885.65	202,885.65
- Underwriter's Discount	-35,200.00	-35,200.00	
- Cost of Issuance Expense		-181,000.00	
- Other Amounts			
Target Value	7,207,685.65	7,026,685.65	11,401,585.65
Target Date	03/03/2016	03/03/2016	03/03/2016
Yield	4.563320%	4.765884%	5.826163%

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BOND DEBT SERVICE

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A
Full Advance Refunding of Series 2007
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/01/2016			77,898.33	77,898.33	
12/01/2016	85,000	2.000%	159,337.50	244,337.50	322,235.83
06/01/2017			158,487.50	158,487.50	
12/01/2017	55,000	2.000%	158,487.50	213,487.50	371,975.00
06/01/2018			157,937.50	157,937.50	
12/01/2018	55,000	2.000%	157,937.50	212,937.50	370,875.00
06/01/2019			157,387.50	157,387.50	
12/01/2019	105,000	2.000%	157,387.50	262,387.50	419,775.00
06/01/2020			156,337.50	156,337.50	
12/01/2020	110,000	2.000%	156,337.50	266,337.50	422,675.00
06/01/2021			155,237.50	155,237.50	
12/01/2021	105,000	3.250%	155,237.50	250,237.50	415,475.00
06/01/2022			153,531.25	153,531.25	
12/01/2022	115,000	3.250%	153,531.25	268,531.25	422,062.50
06/01/2023			151,662.50	151,662.50	
12/01/2023	115,000	3.250%	151,662.50	266,662.50	418,325.00
06/01/2024			149,793.75	149,793.75	
12/01/2024	120,000	3.250%	149,793.75	269,793.75	419,587.50
06/01/2025			147,843.75	147,843.75	
12/01/2025	120,000	3.250%	147,843.75	267,843.75	415,687.50
06/01/2026			145,893.75	145,893.75	
12/01/2026	120,000	4.250%	145,893.75	265,893.75	411,787.50
06/01/2027			143,343.75	143,343.75	
12/01/2027	125,000	4.250%	143,343.75	268,343.75	411,687.50
06/01/2028			140,687.50	140,687.50	
12/01/2028	135,000	4.250%	140,687.50	275,687.50	416,375.00
06/01/2029			137,818.75	137,818.75	
12/01/2029	135,000	4.250%	137,818.75	272,818.75	410,637.50
06/01/2030			134,950.00	134,950.00	
12/01/2030	140,000	4.250%	134,950.00	274,950.00	409,900.00
06/01/2031			131,975.00	131,975.00	
12/01/2031	145,000	4.500%	131,975.00	276,975.00	408,950.00
06/01/2032			128,712.50	128,712.50	
12/01/2032	150,000	4.500%	128,712.50	278,712.50	407,425.00
06/01/2033			125,337.50	125,337.50	
12/01/2033	290,000	4.500%	125,337.50	415,337.50	540,675.00
06/01/2034			118,812.50	118,812.50	
12/01/2034	305,000	4.500%	118,812.50	423,812.50	542,625.00
06/01/2035			111,950.00	111,950.00	
12/01/2035	320,000	4.500%	111,950.00	431,950.00	543,900.00
06/01/2036			104,750.00	104,750.00	
12/01/2036	335,000	5.000%	104,750.00	439,750.00	544,500.00
06/01/2037			96,375.00	96,375.00	
12/01/2037	350,000	5.000%	96,375.00	446,375.00	542,750.00
06/01/2038			87,625.00	87,625.00	
12/01/2038	370,000	5.000%	87,625.00	457,625.00	545,250.00
06/01/2039			78,375.00	78,375.00	
12/01/2039	385,000	5.000%	78,375.00	463,375.00	541,750.00
06/01/2040			68,750.00	68,750.00	
12/01/2040	405,000	5.000%	68,750.00	473,750.00	542,500.00
06/01/2041			58,625.00	58,625.00	
12/01/2041	425,000	5.000%	58,625.00	483,625.00	542,250.00
06/01/2042			48,000.00	48,000.00	
12/01/2042	445,000	5.000%	48,000.00	493,000.00	541,000.00
06/01/2043			36,875.00	36,875.00	
12/01/2043	470,000	5.000%	36,875.00	506,875.00	543,750.00
06/01/2044			25,125.00	25,125.00	
12/01/2044	490,000	5.000%	25,125.00	515,125.00	540,250.00
06/01/2045			12,875.00	12,875.00	
12/01/2045	515,000	5.000%	12,875.00	527,875.00	540,750.00
	7,040,000		6,887,385.83	13,927,385.83	13,927,385.83

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NET DEBT SERVICE BREAKDOWN

VAN de WATER METROPOLITAN DISTRICT GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A Full Advance Refunding of Series 2007 New Money Senior Parity Bonds Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense Assumes BBB Rated, BQ, 30-yr. Maturity (No Growth / No Reassessment Assumptions, wraps Series 2011) [Preliminary – for discussion only]

Date	Ser. 2016A Senior Refunding	Ser. 2016A Senior New Money	Total	Annual Total
06/01/2016	30,051.39		30,051.39	
12/01/2016	146,468.75		146,468.75	176,520.14
06/01/2017	60,618.75		60,618.75	
12/01/2017	115,618.75		115,618.75	176,237.50
06/01/2018	60,068.75		60,068.75	
12/01/2018	115,068.75		115,068.75	175,137.50
06/01/2019	59,518.75	97,868.75	157,387.50	
12/01/2019	119,518.75	142,868.75	262,387.50	419,775.00
06/01/2020	58,918.75	97,418.75	156,337.50	
12/01/2020	118,918.75	147,418.75	266,337.50	422,675.00
06/01/2021	58,318.75	96,918.75	155,237.50	
12/01/2021	118,318.75	141,918.75	260,237.50	415,475.00
06/01/2022	57,343.75	95,187.50	152,531.25	
12/01/2022	117,343.75	151,187.50	268,531.25	422,062.50
06/01/2023	56,388.75	95,293.75	151,682.50	
12/01/2023	121,388.75	145,293.75	266,682.50	418,325.00
06/01/2024	55,312.50	94,481.25	149,793.75	
12/01/2024	120,312.50	149,481.25	269,793.75	419,587.50
06/01/2025	54,256.25	93,587.50	147,843.75	
12/01/2025	124,256.25	143,587.50	267,843.75	415,687.50
06/01/2026	53,118.75	92,775.00	145,893.75	
12/01/2026	123,118.75	142,775.00	265,893.75	411,787.50
06/01/2027	51,631.25	91,712.50	143,343.75	
12/01/2027	126,631.25	141,712.50	268,343.75	411,687.50
06/01/2028	50,037.50	90,650.00	140,687.50	
12/01/2028	125,037.50	150,650.00	275,687.50	416,375.00
06/01/2029	48,443.75	89,375.00	137,818.75	
12/01/2029	128,443.75	144,375.00	272,818.75	410,637.50
06/01/2030	46,743.75	88,206.25	134,950.00	
12/01/2030	131,743.75	143,206.25	274,950.00	409,900.00
06/01/2031	44,937.50	87,037.50	131,975.00	
12/01/2031	129,937.50	147,037.50	276,975.00	408,950.00
06/01/2032	43,025.00	85,687.50	128,712.50	
12/01/2032	133,025.00	145,687.50	278,712.50	407,425.00
06/01/2033	41,000.00	84,337.50	125,337.50	
12/01/2033	136,000.00	279,337.50	415,337.50	540,675.00
06/01/2034	38,862.50	79,950.00	118,812.50	
12/01/2034	138,862.50	284,950.00	423,812.50	542,625.00
06/01/2035	36,612.50	75,337.50	111,950.00	
12/01/2035	141,612.50	290,337.50	431,950.00	543,900.00
06/01/2036	34,250.00	70,500.00	104,750.00	
12/01/2036	144,250.00	295,500.00	439,750.00	544,600.00
06/01/2037	31,500.00	64,875.00	96,375.00	
12/01/2037	146,500.00	299,875.00	446,375.00	542,750.00
06/01/2038	28,625.00	59,000.00	87,625.00	
12/01/2038	148,625.00	309,000.00	457,625.00	545,250.00
06/01/2039	25,825.00	52,750.00	78,575.00	
12/01/2039	150,625.00	312,750.00	463,375.00	541,750.00
06/01/2040	22,500.00	46,250.00	68,750.00	
12/01/2040	152,500.00	321,250.00	473,750.00	542,500.00
06/01/2041	19,250.00	39,375.00	58,625.00	
12/01/2041	159,250.00	324,375.00	483,625.00	542,250.00
06/01/2042	15,750.00	32,250.00	48,000.00	
12/01/2042	160,750.00	332,250.00	493,000.00	541,000.00
06/01/2043	12,125.00	24,750.00	36,875.00	
12/01/2043	167,125.00	339,750.00	506,875.00	543,750.00
06/01/2044	8,250.00	16,875.00	25,125.00	
12/01/2044	168,250.00	346,875.00	515,125.00	540,250.00
06/01/2045	4,250.00	8,625.00	12,875.00	
12/01/2045	174,250.00	353,625.00	527,875.00	540,750.00
	5,311,045.14	8,079,150.00	13,390,195.14	13,390,195.14



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AGGREGATE DEBT SERVICE

VAN DE WATER METROPOLITAN DISTRICT GENERAL OBLIGATION REFUNDING AND IMPROVEMENT BONDS, SERIES 2016A Full Advance Refunding of Series 2007 New Money Senior Parity Bonds Max size: 105x on 45.98 (D3 target) & 40.00 (D3 target) Mills less Operations Expense Assumes BBB Rated, BQ, 30-yr. Maturity (No Growth / No Reassessment Assumptions, wraps Series 2011) [Preliminary - for discussion only]

Date	Ser. 2016A Refunding Principal	Ser. 2016A Senior Refunding Interest	Ser. 2016A Senior Refunding Debt Service	Ser. 2016A Senior New Money Principal	Ser. 2016A Senior New Money Interest	Ser. 2016A Senior New Money Debt Service	Aggregate Debt Service	Less Capitalized Interest, plus Ser. 2011 DS and FOH	Annual Total
12/01/2016	85,000	91,520.14	176,520.14		145,715.69	145,715.69	322,235.83	-24,115.69	298,120.14
12/01/2017	55,000	121,237.50	176,237.50		195,737.50	195,737.50	371,975.00	-71,537.50	300,437.50
12/01/2018	55,000	120,137.50	175,137.50		195,737.50	195,737.50	370,875.00	-69,337.50	301,537.50
12/01/2019	60,000	119,037.50	179,037.50	45,000	195,737.50	240,737.50	423,200.00	123,200.00	542,975.00
12/01/2020	60,000	117,837.50	177,837.50	50,000	194,837.50	244,837.50	422,675.00	120,000.00	542,675.00
12/01/2021	60,000	116,637.50	176,637.50	45,000	193,837.50	238,837.50	415,475.00	126,800.00	542,275.00
12/01/2022	60,000	114,887.50	174,887.50	55,000	192,375.00	247,375.00	418,325.00	122,800.00	544,862.50
12/01/2023	65,000	112,737.50	177,737.50	55,000	188,962.50	243,962.50	419,887.50	124,400.00	543,987.50
12/01/2024	70,000	108,512.50	178,512.50	50,000	187,175.00	237,175.00	415,687.50	124,600.00	541,187.50
12/01/2025	70,000	106,237.50	176,237.50	50,000	183,425.00	233,425.00	411,687.50	128,400.00	540,087.50
12/01/2026	75,000	103,262.50	178,262.50	60,000	181,300.00	241,300.00	416,375.00	127,000.00	540,837.50
12/01/2027	75,000	100,075.00	175,075.00	55,000	178,750.00	233,750.00	410,637.50	130,200.00	540,837.50
12/01/2028	80,000	96,887.50	176,887.50	55,000	176,412.50	231,412.50	408,900.00	132,600.00	542,500.00
12/01/2029	85,000	93,487.50	174,875.00	60,000	174,075.00	234,075.00	407,425.00	134,200.00	542,425.00
12/01/2030	85,000	89,875.00	176,050.00	60,000	171,375.00	231,375.00	407,425.00	135,000.00	540,875.00
12/01/2031	90,000	86,050.00	177,000.00	195,000	168,675.00	363,675.00	540,675.00		540,675.00
12/01/2032	95,000	82,000.00	177,000.00	205,000	159,900.00	364,900.00	542,625.00		542,625.00
12/01/2033	100,000	77,725.00	177,725.00	215,000	150,675.00	366,675.00	543,900.00		543,900.00
12/01/2034	105,000	73,225.00	178,225.00	225,000	141,000.00	366,000.00	544,500.00		544,500.00
12/01/2035	110,000	68,500.00	178,500.00	235,000	129,750.00	364,750.00	542,750.00		542,750.00
12/01/2036	115,000	63,000.00	178,000.00	250,000	118,000.00	368,000.00	545,250.00		545,250.00
12/01/2037	120,000	57,250.00	177,250.00	260,000	105,500.00	365,500.00	541,750.00		541,750.00
12/01/2038	125,000	51,250.00	176,250.00	275,000	92,500.00	367,500.00	542,500.00		542,500.00
12/01/2039	130,000	45,000.00	175,000.00	285,000	78,750.00	364,500.00	541,000.00		541,000.00
12/01/2040	140,000	38,500.00	176,500.00	300,000	64,500.00	364,500.00	543,750.00		543,750.00
12/01/2041	145,000	31,500.00	176,500.00	315,000	49,500.00	365,000.00	540,250.00		540,250.00
12/01/2042	155,000	24,250.00	179,250.00	330,000	33,750.00	362,250.00	540,750.00		540,750.00
12/01/2043	160,000	16,500.00	176,500.00	345,000	17,250.00	362,250.00	540,750.00		540,750.00
12/01/2044	170,000	8,500.00	178,500.00						
12/01/2045									
	2,865,000	2,446,045.14	5,311,045.14	4,175,000	4,441,340.69	8,616,340.69	13,927,385.83	1,617,409.31	15,544,795.14

Contains confidential financial information. The information contained in this financial model is based on current projections, and is subject to change based on financial market conditions, development schedules, and other factors beyond the control of VDW MD Nos. 1-3. This model is provided by DA Davidson to demonstrate one method by which the Districts can issue and repay the debt described herein. This model does not demonstrate the only means by which the Districts may issue and repay debt, such other means being subject to determination by the Districts' boards of directors, and subject to the Districts' Service Plan, state law, and any required City approvals.



SOURCES AND USES OF FUNDS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Dated Date 03/03/2016
Delivery Date 03/03/2016

Sources:

Bond Proceeds:	
Par Amount	2,865,000.00
Net Premium	71,213.85

	2,936,213.85
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Uses:

Refunding Escrow Deposits:	
Cash Deposit	0.62
SLGS Purchases	2,846,231.00
	2,846,231.62

Delivery Date Expenses:	87,984.79
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Other Uses of Funds:	
Bond Rounding	1,997.44

	2,936,213.85
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BOND DEBT SERVICE

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/01/2016			30,051.39	30,051.39	
12/01/2016	85,000	2.000%	81,468.75	146,468.75	176,520.14
06/01/2017			60,618.75	60,618.75	
12/01/2017	55,000	2.000%	60,618.75	115,618.75	176,237.50
06/01/2018			60,068.75	60,068.75	
12/01/2018	55,000	2.000%	60,068.75	115,068.75	175,137.50
06/01/2019			59,518.75	59,518.75	
12/01/2019	60,000	2.000%	59,518.75	119,518.75	179,037.50
06/01/2020			58,918.75	58,918.75	
12/01/2020	60,000	2.000%	58,918.75	118,918.75	177,837.50
06/01/2021			58,318.75	58,318.75	
12/01/2021	60,000	3.250%	58,318.75	118,318.75	176,637.50
06/01/2022			57,343.75	57,343.75	
12/01/2022	60,000	3.250%	57,343.75	117,343.75	174,687.50
06/01/2023			56,368.75	56,368.75	
12/01/2023	65,000	3.250%	56,368.75	121,368.75	177,737.50
06/01/2024			55,312.50	55,312.50	
12/01/2024	65,000	3.250%	55,312.50	120,312.50	175,625.00
06/01/2025			54,256.25	54,256.25	
12/01/2025	70,000	3.250%	54,256.25	124,256.25	178,512.50
06/01/2026			53,118.75	53,118.75	
12/01/2026	70,000	4.250%	53,118.75	123,118.75	176,237.50
06/01/2027			51,631.25	51,631.25	
12/01/2027	75,000	4.250%	51,631.25	126,631.25	178,262.50
06/01/2028			50,037.50	50,037.50	
12/01/2028	75,000	4.250%	50,037.50	125,037.50	175,075.00
06/01/2029			48,443.75	48,443.75	
12/01/2029	80,000	4.250%	48,443.75	128,443.75	176,887.50
06/01/2030			46,743.75	46,743.75	
12/01/2030	85,000	4.250%	46,743.75	131,743.75	178,487.50
06/01/2031			44,937.50	44,937.50	
12/01/2031	85,000	4.500%	44,937.50	129,937.50	174,875.00
06/01/2032			43,025.00	43,025.00	
12/01/2032	90,000	4.500%	43,025.00	133,025.00	176,050.00
06/01/2033			41,000.00	41,000.00	
12/01/2033	95,000	4.500%	41,000.00	136,000.00	177,000.00
06/01/2034			38,862.50	38,862.50	
12/01/2034	100,000	4.500%	38,862.50	138,862.50	177,725.00
06/01/2035			36,612.50	36,612.50	
12/01/2035	105,000	4.500%	36,612.50	141,612.50	178,225.00
06/01/2036			34,250.00	34,250.00	
12/01/2036	110,000	5.000%	34,250.00	144,250.00	178,500.00
06/01/2037			31,500.00	31,500.00	
12/01/2037	115,000	5.000%	31,500.00	146,500.00	178,000.00
06/01/2038			28,625.00	28,625.00	
12/01/2038	120,000	5.000%	28,625.00	148,625.00	177,250.00
06/01/2039			25,625.00	25,625.00	
12/01/2039	125,000	5.000%	25,625.00	150,625.00	176,250.00
06/01/2040			22,500.00	22,500.00	
12/01/2040	130,000	5.000%	22,500.00	152,500.00	175,000.00
06/01/2041			19,250.00	19,250.00	
12/01/2041	140,000	5.000%	19,250.00	159,250.00	178,500.00
06/01/2042			15,750.00	15,750.00	
12/01/2042	145,000	5.000%	15,750.00	160,750.00	176,500.00
06/01/2043			12,125.00	12,125.00	
12/01/2043	155,000	5.000%	12,125.00	167,125.00	179,250.00
06/01/2044			8,250.00	8,250.00	
12/01/2044	160,000	5.000%	8,250.00	168,250.00	176,500.00
06/01/2045			4,250.00	4,250.00	
12/01/2045	170,000	5.000%	4,250.00	174,250.00	178,500.00
2,865,000			2,446,045.14	5,311,045.14	5,311,045.14

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CALL PROVISIONS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Call Table: CALL

Call Date	Call Price
12/01/2025	100.00

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SUMMARY OF REFUNDING RESULTS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Dated Date	03/03/2016
Delivery Date	03/03/2016
Arbitrage yield	5.826163%
Escrow yield	0.754161%
Value of Negative Arbitrage	221,475.18
Bond Par Amount	2,865,000.00
True Interest Cost	4.477586%
Net Interest Cost	4.577738%
All-In TIC	4.698627%
Average Coupon	4.715010%
Average Life	18.107
Par amount of refunded bonds	2,555,000.00
Average coupon of refunded bonds	6.500000%
Average life of refunded bonds	10.124
PV of prior debt to 03/03/2016 @ 4.435590%	3,006,417.59
Net PV Savings	72,201.18
Percentage savings of refunded bonds	2.825878%

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SAVINGS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Date	Prior Debt Service	Refunding Debt Service	Savings	Annual Savings	Present Value to 03/03/2016 @ 4.4366804%
06/01/2016	83,037.50	30,051.39	52,986.11		52,420.92
12/01/2016	173,037.50	146,468.75	26,568.75	79,554.86	25,715.04
06/01/2017	80,112.50	60,618.75	19,493.75		18,458.01
12/01/2017	175,112.50	115,618.75	59,493.75	78,987.50	55,110.51
06/01/2018	77,025.00	60,068.75	16,956.25		15,366.20
12/01/2018	177,025.00	115,068.75	61,956.25	78,912.50	54,928.18
06/01/2019	73,775.00	58,518.75	14,256.25		12,364.85
12/01/2019	183,775.00	119,518.75	64,256.25	78,512.50	54,522.08
06/01/2020	70,200.00	58,918.75	11,281.25		9,364.57
12/01/2020	185,200.00	118,918.75	66,281.25	77,562.50	53,826.32
06/01/2021	66,462.50	58,318.75	8,143.75		6,469.97
12/01/2021	186,462.50	118,318.75	68,143.75	76,287.50	52,963.54
06/01/2022	62,562.50	57,343.75	5,218.75		3,968.18
12/01/2022	192,562.50	117,343.75	75,218.75	80,437.50	55,953.09
06/01/2023	58,337.50	56,368.75	1,968.75		1,432.72
12/01/2023	193,337.50	121,368.75	71,968.75	73,937.50	51,237.62
06/01/2024	53,950.00	55,312.50	-1,362.50		-948.98
12/01/2024	198,950.00	120,312.50	78,637.50	77,275.00	53,582.34
06/01/2025	49,237.50	54,256.25	-5,018.75		-3,345.50
12/01/2025	204,237.50	124,256.25	79,981.25	74,962.50	52,158.74
06/01/2026	44,200.00	53,118.75	-8,918.75		-5,690.05
12/01/2026	204,200.00	123,118.75	81,081.25	72,162.50	50,606.50
06/01/2027	39,000.00	51,631.25	-12,631.25		-7,712.69
12/01/2027	209,000.00	126,631.25	82,368.75	69,737.50	49,203.43
06/01/2028	33,475.00	50,037.50	-16,562.50		-9,679.04
12/01/2028	218,475.00	125,037.50	93,437.50	76,875.00	53,419.65
06/01/2029	27,462.50	48,443.75	-20,981.25		-11,735.04
12/01/2029	222,462.50	128,443.75	94,018.75	73,037.50	51,444.78
06/01/2030	21,125.00	46,743.75	-25,618.75		-13,713.81
12/01/2030	226,125.00	131,743.75	94,381.25	68,762.50	49,426.47
06/01/2031	14,462.50	44,937.50	-30,475.00		-15,613.17
12/01/2031	229,462.50	129,937.50	99,525.00	69,050.00	49,883.05
06/01/2032	7,475.00	43,025.00	-35,550.00		-17,431.47
12/01/2032	237,475.00	133,025.00	104,450.00	68,900.00	50,104.44
06/01/2033		41,000.00	-41,000.00		-19,240.89
12/01/2033		136,000.00	-136,000.00	-177,000.00	-62,438.68
06/01/2034		38,862.50	-38,862.50		-17,454.97
12/01/2034		138,862.50	-138,862.50	-177,725.00	-61,016.42
06/01/2035		36,612.50	-36,612.50		-15,738.55
12/01/2035		141,612.50	-141,612.50	-178,225.00	-59,553.92
06/01/2036		34,250.00	-34,250.00		-14,091.03
12/01/2036		144,250.00	-144,250.00	-178,500.00	-58,059.27
06/01/2037		31,500.00	-31,500.00		-12,403.37
12/01/2037		146,500.00	-146,500.00	-178,000.00	-56,433.93
06/01/2038		28,825.00	-28,825.00		-10,787.52
12/01/2038		148,625.00	-148,625.00	-177,250.00	-54,795.08
06/01/2039		25,625.00	-25,625.00		-9,242.45
12/01/2039		150,625.00	-150,625.00	-176,250.00	-53,148.83
06/01/2040		22,500.00	-22,500.00		-7,766.99
12/01/2040		152,500.00	-152,500.00	-175,000.00	-51,500.74
06/01/2041		19,250.00	-19,250.00		-6,359.86
12/01/2041		159,250.00	-159,250.00	-176,500.00	-51,471.88
06/01/2042		15,750.00	-15,750.00		-4,980.18
12/01/2042		160,750.00	-160,750.00	-176,500.00	-49,726.58
06/01/2043		12,125.00	-12,125.00		-3,869.38
12/01/2043		167,125.00	-167,125.00	-179,250.00	-49,479.58
06/01/2044		8,250.00	-8,250.00		-2,389.53
12/01/2044		168,250.00	-168,250.00	-176,500.00	-47,674.55
06/01/2045		4,250.00	-4,250.00		-1,178.13
12/01/2045		174,250.00	-174,250.00	-178,500.00	-47,255.39
	4,278,800.00	5,311,045.14	-1,032,245.14	-1,032,245.14	70,203.74

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SAVINGS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Savings Summary

PV of savings from cash flow	70,203.74
Plus: Refunding funds on hand	1,997.44
Net PV Savings	<u>72,201.18</u>

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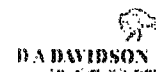


SUMMARY OF BONDS REFUNDED

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
 Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
 Advance Refunding of Series 2007
 Assumes BBB Rated, BQ, 30-yr. Maturity
 (No Growth Assumptions, wraps Series 2011)
 [Preliminary – for discussion only]

Bond	Maturity Date	Interest Rate	Par Amount	Call Date	Call Price
12/20/07: SER 07 LTGO, \$3.000M, 2032 mat (call 12/1/17):					
TERM32	12/01/2016	6.500%	90,000.00		
	12/01/2017	6.500%	95,000.00		
	12/01/2018	6.500%	100,000.00	12/01/2017	100.000
	12/01/2019	6.500%	110,000.00	12/01/2017	100.000
	12/01/2020	6.500%	115,000.00	12/01/2017	100.000
	12/01/2021	6.500%	120,000.00	12/01/2017	100.000
	12/01/2022	6.500%	130,000.00	12/01/2017	100.000
	12/01/2023	6.500%	135,000.00	12/01/2017	100.000
	12/01/2024	6.500%	145,000.00	12/01/2017	100.000
	12/01/2025	6.500%	155,000.00	12/01/2017	100.000
	12/01/2026	6.500%	160,000.00	12/01/2017	100.000
	12/01/2027	6.500%	170,000.00	12/01/2017	100.000
	12/01/2028	6.500%	185,000.00	12/01/2017	100.000
	12/01/2029	6.500%	195,000.00	12/01/2017	100.000
	12/01/2030	6.500%	205,000.00	12/01/2017	100.000
	12/01/2031	6.500%	215,000.00	12/01/2017	100.000
	12/01/2032	6.500%	230,000.00	12/01/2017	100.000
			2,555,000.00		

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ESCROW REQUIREMENTS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
 Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
 Advance Refunding of Series 2007
 Assumes BBB Rated, BQ, 30-yr. Maturity
 (No Growth Assumptions, wraps Series 2011)
 [Preliminary -- for discussion only]

Dated Date 03/03/2016
 Delivery Date 03/03/2016

Period Ending	Principal	Interest	Principal Redeemed	Total
06/01/2016		83,037.50		83,037.50
12/01/2016	90,000.00	83,037.50		173,037.50
06/01/2017		80,112.50		80,112.50
12/01/2017	95,000.00	80,112.50	2,370,000.00	2,545,112.50
	185,000.00	326,300.00	2,370,000.00	2,881,300.00

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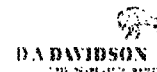


PRIOR BOND DEBT SERVICE

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/01/2016			83,037.50	83,037.50	
12/01/2016	90,000	6.500%	83,037.50	173,037.50	256,075
06/01/2017			80,112.50	80,112.50	
12/01/2017	95,000	6.500%	80,112.50	175,112.50	255,225
06/01/2018			77,025.00	77,025.00	
12/01/2018	100,000	6.500%	77,025.00	177,025.00	254,050
06/01/2019			73,775.00	73,775.00	
12/01/2019	110,000	6.500%	73,775.00	183,775.00	257,550
06/01/2020			70,200.00	70,200.00	
12/01/2020	115,000	6.500%	70,200.00	185,200.00	255,400
06/01/2021			66,462.50	66,462.50	
12/01/2021	120,000	6.500%	66,462.50	186,462.50	252,925
06/01/2022			62,562.50	62,562.50	
12/01/2022	130,000	6.500%	62,562.50	192,562.50	255,125
06/01/2023			58,337.50	58,337.50	
12/01/2023	135,000	6.500%	58,337.50	193,337.50	251,675
06/01/2024			53,950.00	53,950.00	
12/01/2024	145,000	6.500%	53,950.00	198,950.00	252,900
06/01/2025			49,237.50	49,237.50	
12/01/2025	155,000	6.500%	49,237.50	204,237.50	253,475
06/01/2026			44,200.00	44,200.00	
12/01/2026	160,000	6.500%	44,200.00	204,200.00	248,400
06/01/2027			39,000.00	39,000.00	
12/01/2027	170,000	6.500%	39,000.00	209,000.00	248,000
06/01/2028			33,475.00	33,475.00	
12/01/2028	185,000	6.500%	33,475.00	218,475.00	251,950
06/01/2029			27,462.50	27,462.50	
12/01/2029	195,000	6.500%	27,462.50	222,462.50	249,925
06/01/2030			21,125.00	21,125.00	
12/01/2030	205,000	6.500%	21,125.00	226,125.00	247,250
06/01/2031			14,462.50	14,462.50	
12/01/2031	215,000	6.500%	14,462.50	229,462.50	243,925
06/01/2032			7,475.00	7,475.00	
12/01/2032	230,000	6.500%	7,475.00	237,475.00	244,950
	2,555,000		1,723,800.00	4,278,800.00	4,278,800

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ESCROW DESCRIPTIONS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
 Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
 Advance Refunding of Series 2007
 Assumes BBB Rated, BQ, 30-yr. Maturity
 (No Growth Assumptions, wraps Series 2011)
 [Preliminary -- for discussion only]

Type of Security	Type of SLGS	Maturity Date	First Int Pmt Date	Par Amount	Rate	Max Rate	Total Cost
Mar 3, 2016:							
SLGS	Certificate	06/01/2016	06/01/2016	78,125	0.090%	0.090%	78,125.00
SLGS	Certificate	12/01/2016	12/01/2016	162,597	0.400%	0.400%	162,597.00
SLGS	Note	06/01/2017	06/01/2016	70,158	0.550%	0.550%	70,158.00
SLGS	Note	12/01/2017	06/01/2016	2,535,351	0.770%	0.770%	2,535,351.00
				2,846,231			2,846,231.00

SLGS Summary

SLGS Rates File	24NOV15
Total Certificates of Indebtedness	240,722.00
Total Notes	2,605,509.00
Total original SLGS	2,846,231.00

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ESCROW STATISTICS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
 Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
 Advance Refunding of Series 2007
 Assumes BBB Rated, BQ, 30-yr. Maturity
 (No Growth Assumptions, wraps Series 2011)
 [Preliminary -- for discussion only]

Total Escrow Cost	Modified Duration (years)	PV of 1 bp change	Yield to Receipt Date	Yield to Disbursement Date	Perfect Escrow Cost	Value of Negative Arbitrage	Cost of Dead Time
2,846,231.62	1.620	461.11	0.754161%	0.754161%	2,624,756.37	221,475.18	0.07
2,846,231.62		461.11			2,624,756.37	221,475.18	0.07

Delivery date 03/03/2016
 Arbitrage yield 5.826163%

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SUMMARY OF UNREFUNDED BONDS

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]

Bond	Maturity Date	Interest Rate	Par Amount
8/30/11: SER 11 LTGO, \$1,200M, 2032 mat (call 12/1/21):			
TERM32	12/01/2016	8.000%	30,000.00
	12/01/2017	8.000%	35,000.00
	12/01/2018	8.000%	40,000.00
	12/01/2019	8.000%	40,000.00
	12/01/2020	8.000%	40,000.00
	12/01/2021	8.000%	50,000.00
	12/01/2022	8.000%	50,000.00
	12/01/2023	8.000%	55,000.00
	12/01/2024	8.000%	60,000.00
	12/01/2025	8.000%	65,000.00
	12/01/2026	8.000%	75,000.00
	12/01/2027	8.000%	80,000.00
	12/01/2028	8.000%	85,000.00
	12/01/2029	8.000%	95,000.00
	12/01/2030	8.000%	105,000.00
	12/01/2031	8.000%	115,000.00
	12/01/2032	8.000%	125,000.00
			1,145,000.00

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UNREFUNDED BOND DEBT SERVICE

VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (REFUNDING)
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Advance Refunding of Series 2007
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth Assumptions, wraps Series 2011)
[Preliminary -- for discussion only]

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/01/2016			45,800	45,800	
12/01/2016	30,000	8.000%	45,800	75,800	121,600
06/01/2017			44,600	44,600	
12/01/2017	35,000	8.000%	44,600	79,600	124,200
06/01/2018			43,200	43,200	
12/01/2018	40,000	8.000%	43,200	83,200	126,400
06/01/2019			41,600	41,600	
12/01/2019	40,000	8.000%	41,600	81,600	123,200
06/01/2020			40,000	40,000	
12/01/2020	40,000	8.000%	40,000	80,000	120,000
06/01/2021			38,400	38,400	
12/01/2021	50,000	8.000%	38,400	88,400	126,800
06/01/2022			36,400	36,400	
12/01/2022	50,000	8.000%	36,400	86,400	122,800
06/01/2023			34,400	34,400	
12/01/2023	55,000	8.000%	34,400	89,400	123,800
06/01/2024			32,200	32,200	
12/01/2024	60,000	8.000%	32,200	92,200	124,400
06/01/2025			29,800	29,800	
12/01/2025	65,000	8.000%	29,800	94,800	124,600
06/01/2026			27,200	27,200	
12/01/2026	75,000	8.000%	27,200	102,200	129,400
06/01/2027			24,200	24,200	
12/01/2027	80,000	8.000%	24,200	104,200	128,400
06/01/2028			21,000	21,000	
12/01/2028	85,000	8.000%	21,000	106,000	127,000
06/01/2029			17,600	17,600	
12/01/2029	95,000	8.000%	17,600	112,800	130,200
06/01/2030			13,800	13,800	
12/01/2030	105,000	8.000%	13,800	118,800	132,600
06/01/2031			9,600	9,600	
12/01/2031	115,000	8.000%	9,600	124,600	134,200
06/01/2032			5,000	5,000	
12/01/2032	125,000	8.000%	5,000	130,000	135,000
	1,145,000		1,009,600	2,154,600	2,154,600

DA Davidson & Co. Quantitative Group - MK

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SOURCES AND USES OF FUNDS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (IMPROVEMENTS)
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011 & proposed Series 2016)
[Preliminary -- for discussion only]**

Dated Date 03/03/2016
Delivery Date 03/03/2016

Sources:

Bond Proceeds:

Par Amount	4,175,000.00
Net Premium	131,671.80

4,306,671.80

Uses:

Project Fund Deposits:

Senior Ser. 2015 Project Fund	3,642,130.17
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Other Fund Deposits:

Capitalized Interest Fund	536,326.42
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Delivery Date Expenses:

128,215.21

4,306,671.80

Contains confidential financial information. The information contained in this financial model is based on current projections, and is subject to change based on financial market conditions, development schedules, and other factors beyond the control of VDW MD Nos. 1-3. This model is provided by DA Davidson to demonstrate one method by which the Districts can issue and repay the debt described herein. This model does not demonstrate the only means by which the Districts may issue and repay debt, such other means being subject to determination by the Districts' boards of directors, and subject to the Districts' Service Plan, state law, and any required City approvals.



BOND DEBT SERVICE

VAN de WATER METROPOLITAN DISTRICT GENERAL OBLIGATION BONDS, SERIES 2016A (IMPROVEMENTS) New Money Senior Parity Bonds

Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense

Assumes BBB Rated, BQ, 30-yr. Maturity

(No Growth / No Reassessment Assumptions, wraps Series 2011 & proposed Series 2016)
[Preliminary -- for discussion only]

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/01/2016			47,846.94	47,846.94	
12/01/2016			97,868.75	97,868.75	145,715.69
06/01/2017			97,868.75	97,868.75	
12/01/2017			97,868.75	97,868.75	195,737.50
06/01/2018			97,868.75	97,868.75	
12/01/2018			97,868.75	97,868.75	195,737.50
06/01/2019			97,868.75	97,868.75	
12/01/2019	45,000	2.000%	97,868.75	142,868.75	240,737.50
06/01/2020			97,418.75	97,418.75	
12/01/2020	50,000	2.000%	97,418.75	147,418.75	244,837.50
06/01/2021			96,918.75	96,918.75	
12/01/2021	45,000	3.250%	96,918.75	141,918.75	238,837.50
06/01/2022			96,187.50	96,187.50	
12/01/2022	55,000	3.250%	96,187.50	154,187.50	247,375.00
06/01/2023			95,293.75	95,293.75	
12/01/2023	50,000	3.250%	95,293.75	145,293.75	240,587.50
06/01/2024			94,481.25	94,481.25	
12/01/2024	55,000	3.250%	94,481.25	149,481.25	243,962.50
06/01/2025			93,587.50	93,587.50	
12/01/2025	50,000	3.250%	93,587.50	143,587.50	237,175.00
06/01/2026			92,775.00	92,775.00	
12/01/2026	50,000	4.250%	92,775.00	142,775.00	235,550.00
06/01/2027			91,712.50	91,712.50	
12/01/2027	50,000	4.250%	91,712.50	141,712.50	233,425.00
06/01/2028			90,650.00	90,650.00	
12/01/2028	60,000	4.250%	90,650.00	150,650.00	241,300.00
06/01/2029			89,375.00	89,375.00	
12/01/2029	55,000	4.250%	89,375.00	144,375.00	233,750.00
06/01/2030			88,206.25	88,206.25	
12/01/2030	55,000	4.250%	88,206.25	143,206.25	231,412.50
06/01/2031			87,037.50	87,037.50	
12/01/2031	60,000	4.500%	87,037.50	147,037.50	234,075.00
06/01/2032			85,687.50	85,687.50	
12/01/2032	60,000	4.500%	85,687.50	145,687.50	231,375.00
06/01/2033			84,337.50	84,337.50	
12/01/2033	195,000	4.500%	84,337.50	279,337.50	363,675.00
06/01/2034			79,950.00	79,950.00	
12/01/2034	205,000	4.500%	79,950.00	284,950.00	364,900.00
06/01/2035			75,337.50	75,337.50	
12/01/2035	215,000	4.500%	75,337.50	290,337.50	365,675.00
06/01/2036			70,500.00	70,500.00	
12/01/2036	225,000	5.000%	70,500.00	295,500.00	366,000.00
06/01/2037			64,875.00	64,875.00	
12/01/2037	235,000	5.000%	64,875.00	299,875.00	364,750.00
06/01/2038			59,000.00	59,000.00	
12/01/2038	250,000	5.000%	59,000.00	309,000.00	368,000.00
06/01/2039			52,750.00	52,750.00	
12/01/2039	260,000	5.000%	52,750.00	312,750.00	365,500.00
06/01/2040			46,250.00	46,250.00	
12/01/2040	275,000	5.000%	46,250.00	321,250.00	367,500.00
06/01/2041			39,375.00	39,375.00	
12/01/2041	285,000	5.000%	39,375.00	324,375.00	363,750.00
06/01/2042			32,250.00	32,250.00	
12/01/2042	300,000	5.000%	32,250.00	332,250.00	364,500.00
06/01/2043			24,750.00	24,750.00	
12/01/2043	315,000	5.000%	24,750.00	339,750.00	364,500.00
06/01/2044			16,875.00	16,875.00	
12/01/2044	330,000	5.000%	16,875.00	346,875.00	363,750.00
06/01/2045			8,625.00	8,625.00	
12/01/2045	345,000	5.000%	8,625.00	353,625.00	362,250.00
	4,175,000		4,441,340.69	8,616,340.69	8,616,340.69

Contains confidential financial information. The information contained in this financial model is based on current projections, and is subject to change based on financial market conditions, development schedules, and other factors beyond the control of VDW MD Nos. 1-3. This model is provided by DA Davidson to demonstrate one method by which the Districts can issue and repay the debt described herein. This model does not demonstrate the only means by which the Districts may issue and repay debt, such other means being subject to determination by the Districts' boards of directors, and subject to the Districts' Service Plan, state law, and any required City approvals.



CALL PROVISIONS

**VAN de WATER METROPOLITAN DISTRICT
GENERAL OBLIGATION BONDS, SERIES 2016A (IMPROVEMENTS)
New Money Senior Parity Bonds
Max size: 105x on 45.98 (D2 target) & 40.00 (D3 target) Mills less Operations Expense
Assumes BBB Rated, BQ, 30-yr. Maturity
(No Growth / No Reassessment Assumptions, wraps Series 2011 & proposed Series 2016)
[Preliminary -- for discussion only]**

Call Table: CALL

Call Date	Call Price
12/01/2025	100.00

EXHIBIT B

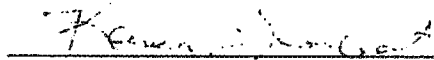
Affidavits of Publication

AFFIDAVIT OF PUBLICATION REPORTER-HERALD

State of Colorado
County of Larimer

I, the undersigned agent, do solemnly swear that the LOVELAND REPORTER-HERALD is a daily newspaper printed, in whole or in part, and published in the City of Loveland, County of Larimer, State of Colorado, and which has general circulation therein and in parts of Larimer and Weld counties; that said newspaper has been continuously and uninterruptedly published for a period of more than six months next prior to the first publication of the annexed legal notice of advertisement, that said newspaper has been admitted to the United States mails as second-class matter under the provisions of the Act of March 3, 1879, or any, amendments thereof, and that said newspaper is a daily newspaper duly qualified for publishing legal notices and advertisements within the meaning of the laws of the State of Colorado; that a copy of each number of said newspaper, in which said notice of advertisement was published, was transmitted by mail or carrier to each of the subscribers of said newspaper, according to the accustomed mode of business in this office.

The annexed legal notice or advertisement was published in the regular and entire edition of said daily newspaper once; and that one publication of said notice was in the issue of said newspaper dated December 28, 2015.



Agent

Subscribed and sworn to before me this 28th day of
December, 2015 in the County of Boulder, State of Colorado.



Notary Public

Fee \$ 24.02
Account # 222605
Ad # 5662626

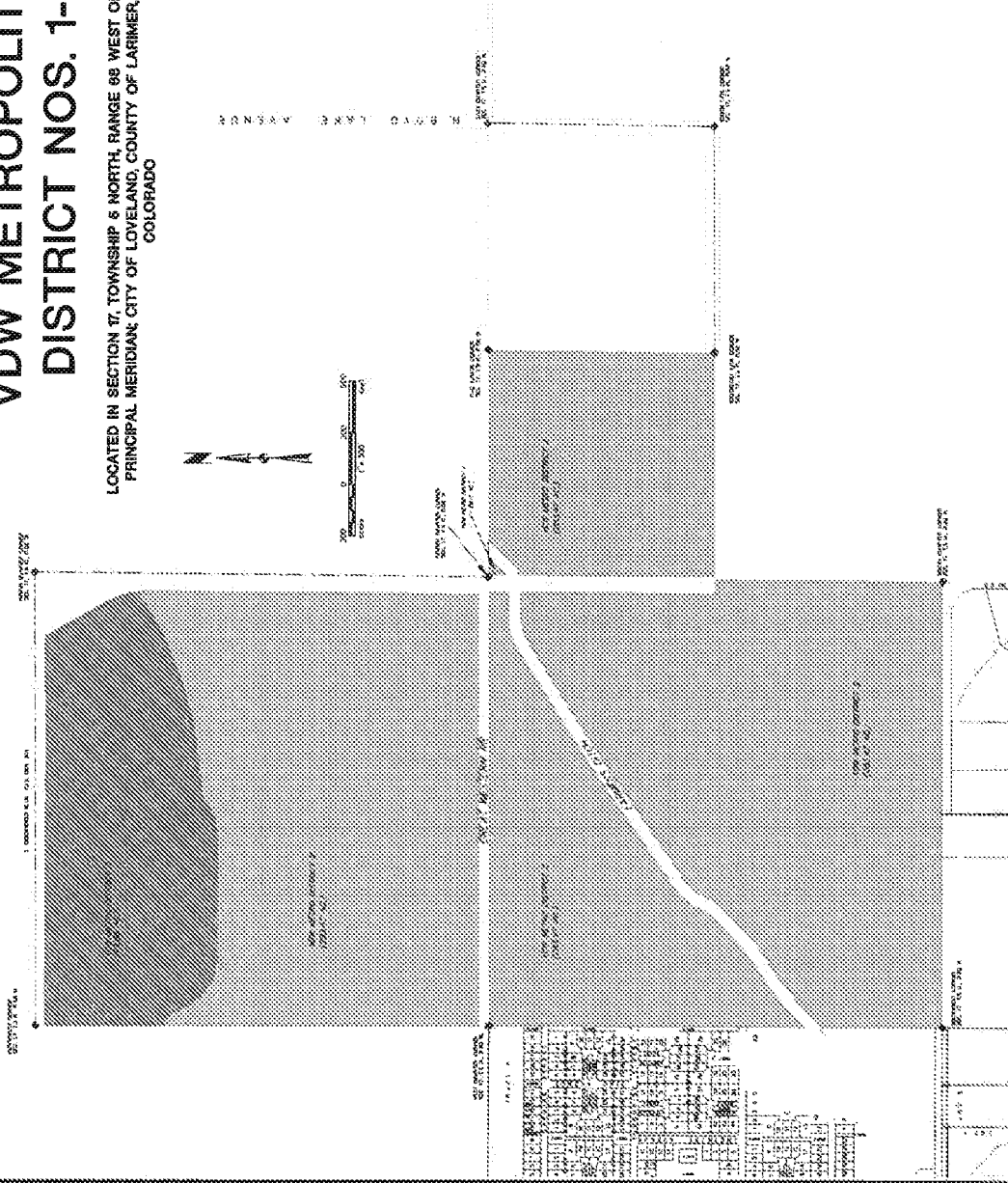
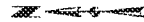
RITA MARIE HANNER-WARD
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 22144042755
MY COMMISSION EXPIRES NOVEMBER 4, 2018

STATE OF COLORADO, CITY OF LOVELAND
NOTICE OF PUBLIC HEARING
IN RE VOW METROPOLITAN DISTRICTS NOS. 1-3 BOND ISSUANCE
AND EXTENSION OF DEBT MATURITY
PUBLIC NOTICE IS HEREBY GIVEN that the City of Loveland City Council has received a request by VOW Metropolitan District Nos. 1-3 (the "Districts") that the City of Loveland City Council will hold a public hearing to consider approving the Districts' request to issue bonds on a date after July 1, 2012 and to extend the maturity of a portion of the Districts' current debt.
NOTICE IS HEREBY FURTHER GIVEN that the City of Loveland City Council, Larimer County, State of Colorado, will hold a public hearing at or about 6:30 p.m. on January 19, 2016 in the City Council Chambers, 500 East Third Street, Loveland, Colorado, for the purpose of considering the question of approving the Districts' issuance of bonds on a date after July 1, 2012 and the question of extending the maturity of a portion of the Districts' current debt by refunding, as both actions require a public hearing and approval of the City of Loveland City Council pursuant to Sections VII.B and VII.E of the Districts' Consolidated Service Plan. All protests and objections must be submitted in writing to the City of Loveland City Council at or prior to the public hearing or any continuance or postponement thereof in order to be considered. All protests and objections to the Districts' proposed actions shall be deemed to be waived unless presented at the time and in the manner specified by the City of Loveland.
BY ORDER OF CITY COUNCIL FOR THE CITY OF LOVELAND,
STATE OF COLORADO
Published: Loveland Reporter Herald December 28, 2015 - 5662626

Exhibit B
Map of Boundaries of VDW Metropolitan District Nos. 1-3

VDW METROPOLITAN DISTRICT NOS. 1-3

LOCATED IN SECTION 17, TOWNSHIP 6 NORTH, RANGE 98 WEST OF THE SIXTH
PRINCIPAL MERIDIAN, CITY OF LOVELAND, COUNTY OF LARIMER, STATE OF
COLORADO



EXHIBIT

MAP OF DISTRICT BOUNDARIES

VDW METROPOLITAN DISTRICT NOS. 1-3

DISTRICTS

DISTRICT ACREAGE

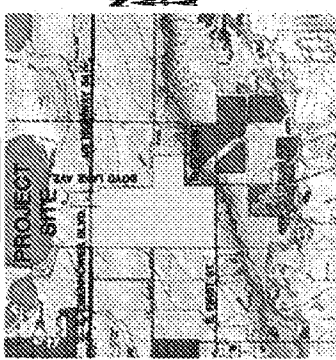
DISTRICT 1 6.11 AC. / 4,735 SQ. FT.

DISTRICT 2 281.47 AC. / 12,347,953 SQ. FT.

DISTRICT 3 48.82 AC. / 2,170,159 SQ. FT.

TOTAL 1-3 336.40 AC. / 14,522,941 SQ. FT.

VICINITY MAP



SCALE: 1" = 4,200' +/-

153 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 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1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547