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DAVID E. TANNER

*Deputy Mayor*  
BONNIE L.S. PARENTE

*Trustees*  
CHRISTOPHER A. SICILIANO  
JAMES L. IANNONE  
ANTHONY CASELLA

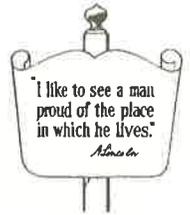
*Treasurer*  
MICHAEL DELURY

*Clerk*  
MARIE L. HAUSNER

# INC. VILLAGE OF EAST WILLISTON

2 PROSPECT STREET, EAST WILLISTON, NY 11596

(516) 746-0782 • FAX (516) 746-3130



## VILLAGE WATER RATE INFORMATION NOTICE

November 9, 2018

Dear Resident,

We have just been advised that the Village of Williston Park plans to increase the water rate it charges our Village by \$1.34 per 1,000 gallons, in order to pay for the cost of a new elevated water storage tank.

Williston Park has scheduled a water rate hearing at its Village Hall for Monday, December 10, 2018 at 8:00pm. We encourage those residents who may have a question about the storage tank project and the proposed rate increase to attend this hearing.

A "water rate report" prepared by D & B Engineers for the Village of Williston Park is included in this mailing and can also be found on our website at [www.eastwilliston.org](http://www.eastwilliston.org).

Sincerely,  
Mayor and Board of Trustees  
Village of East Williston

Mayor  
PAUL M. EHRBAR



*Incorporated Village of*  
**WILLISTON PARK**

494 Willis Avenue  
Williston Park, New York 11596-1738  
(516) 746-2193  
FAX: (516) 746-7109

Deputy Mayor  
KEVIN RYNNE

Trustees  
WILLIAM CARR  
WILLIAM P. O'BRIEN  
MICHAEL F. UTTARO

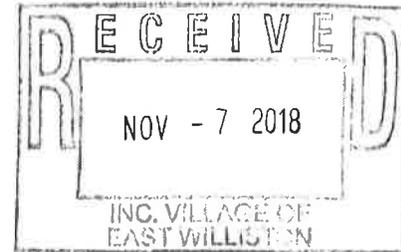
Village Clerk - Treasurer  
JULIE KAIN

Village Attorney  
JAMES A. BRADLEY

November 6, 2018

Mayor David E. Tanner  
Inc. Village of East Williston  
2 Prospect Street  
East Williston, NY 11596

Re: Water Rate



Dear Mayor Tanner:

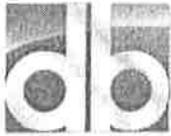
As you are aware the Village is in the process of replacing the Elevated Water Storage Tank. It is necessary for us to implement a global water rate adjustment to incorporate the bond debt service into the Water Fund budget.

Please review the attached information from D & B Engineers and Architects regarding the new proposed rate. The Village has scheduled a Water Rate hearing for Monday, December 10<sup>th</sup>, 2018 at 8:00pm. After you have reviewed the information please feel free to contact me with any questions or to set up a meeting.

Sincerely,

Paul M. Ehrbar  
Mayor  
Encls.

Cc: Deputy Mayor Parente  
Trustee Sicilano  
Trustee Iannone  
Trustee Casella



D&B ENGINEERS  
AND  
ARCHITECTS, P.C.

330 Crossways Park Drive, Woodbury, New York 11797  
516 364 9890 • 718 460-3634 • Fax: 516-364-9045 • www.db-eng.com

**Board of Directors**

Steven A. Fangmann, P.E., BCEE  
*President & Chairman*

Robert L. Raab, P.E., BCEE, CCM  
*Senior Vice President*

William D. Merklin, P.E.  
*Senior Vice President*

November 2, 2018

Honorable Paul Ehrbar, Mayor  
Village of Williston Park  
494 Willis Avenue  
Williston Park, NY 11596

Re: Water Rate Update for Bond Service for New Elevated Water Storage Tank  
D&B No. 0849

Dear Mayor Ehrbar:

In accordance with our scope of work dated August 20, 2018, D&B Engineers and Architects, P.C. (D&B) has prepared this letter report and attached calculations necessary for a global water rate adjustment to incorporate the bond debt service required for the new elevated water storage tank project into your water department's budget.

The water rate adjustment is necessary to incorporate the debt service required for the new elevated water storage tank into the projected water department budget. It does not re-evaluate any aspects of the rate structure. The rate structure that was prepared as part of the full rate study conducted in 2012 will not be changed.

To begin, the percent change required for all customer classes was determined by calculating the percent change necessary to incorporate the average tank bond service payments into the projected water department budget. As shown on the "Summary" sheet of the attached calculations, it was determined that a percentage increase of 31.0% is required.

The percentage increase of 31.0% was then applied, as shown on the "Water Rates" sheet, to each customer class. The current water rate and the calculated proposed water rate is shown, respectively, for each customer class.

In addition to applying the global rate increase to each of the customer classes, the "Water Rates" sheet also includes a check for compliance with the "Agreement for Water Supply" established with the Village of East Williston. The agreement requires that the "rate shall not be more than 110% of the rate then in effect for Williston Park residential customers who use over 10,000 gallons but not more than 50,000 gallons (the Benchmark Water Rate)."

The ratio of the East Williston rate to the Residential Rate was calculated for both the existing and proposed water rates. The ratio for the existing rates is 110.46% and the ratio for the proposed rates is slightly lower, 110.31%. The difference is due to the rounding necessary to present each rate to the nearest one cent.

Honorable Paul Ehrbar, Mayor  
 Village of Williston Park  
 November 2, 2018

D&B recommends that the Village implement the following rate adjustment, at their earliest convenience and in accordance with all notification requirements, to ensure funds are available to support the projected budget requirements.

**Commercial**

Current Water Rate (\$/1,000 Gal)	Max Gallons	Percent Increase Required	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
\$4.33	10,000	31.0%	\$5.67
\$4.33	99,000	31.0%	\$5.67
\$4.33	>99,000	31.0%	\$5.67

**Residential**

Current Water Rate (\$/1,000 Gal)	Max Gallons	Percent Increase Required	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
\$3.92	10,000	31.0%	\$5.14
\$3.92	50,000	31.0%	\$5.14
\$4.09	>50,000	31.0%	\$5.36

**Village of East Williston**

Current Water Rate (\$/1,000 Gal)	Percent Increase Required	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
\$4.33	31.0%	\$5.67

If you have any questions, please feel free to call me at (516) 364-9890, Ext. 3406.

Very truly yours,



Michael G. Savarese, P.E.  
 Senior Associate

MGSt/kap

cc: J. Kain (Village of Williston Park)  
 K. Bunnell (Village of Williston Park)  
 W. Merklin (D&B)

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**Incorporated Village of Williston Park  
Water Rate Update for Bond Service for New Elevated Tank  
11/2/2018**

**Summary**

Current FYE May 31, 2019 Budget	\$1,537,285
Projected FYE May 31, 2021 Budget (Note 1)	\$1,570,781
Average Tank Bond Service Payment Through 5/31/23 (4 years)	+ \$455,810
Required Budget to Include Tank Bond Service	\$2,026,591
Required Budget to Include Tank Bond Service	\$2,026,591
Projected Revenue with Existing Rate Structure (Based on average of last 4 years revenue)	- \$1,546,703
Difference Between Required Budget and Projected Revenue	\$479,888
Difference Between Required Budget and Projected Revenue	\$479,888
Projected Revenue with Existing Rate Structure	\$1,546,703

<b>Percent Increase Required</b>	<b>31.0%</b>
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**Notes:**

1. See "Calculations for Projected Budget from Water Department Adopted FYE 5/31/2019" for assumptions.
2. See "Water Rates" for proposed changes to Residential, Commercial and East Williston Rates

Incorporated Village of Williston Park  
 Water Rate Update for Bond Service for New Elevated Tank  
 11/2/2018

Water Rates

**Commercial**

Current Water Rate (\$/1,000 Gal)	Max Gallons	Percent Increase Required (From Summary Tab)	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
\$ 4.33	10,000	31.0%	\$ 5.67
\$ 4.33	99,000	31.0%	\$ 5.67
\$ 4.33	>99,000	31.0%	\$ 5.67

**Residential**

Current Water Rate (\$/1,000 Gal)	Max Gallons	Percent Increase Required (From Summary Tab)	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
\$ 3.92	10,000	31.0%	\$ 5.14
\$ 3.92	50,000	31.0%	\$ 5.14
\$ 4.09	>50,000	31.0%	\$ 5.36

**Village of East Williston**

Current Water Rate (\$/1,000 Gal)	Percent Increase Required (From Summary Tab)	Proposed Water Rate For Bond Service for New Tank (\$/1,000 Gal)
4.33	31.0%	\$ 5.67

**Confirm that rate is in compliance with "Agreement for Water Supply"**

-Agreement requires that "rate shall not be more than 110% of the rate then in effect for Williston Park residential customers who use over 10,000 gallons but not more than 50,000 gallons (the Benchmark Water Rate)."

	Residential Rate	Village of East Williston Rate	Ratio Check of East Williston Rate / Residential Rate
<b>Current</b>	\$ 3.92	\$ 4.33	110.46%
<b>Proposed</b>	\$ 5.14	\$ 5.67	110.31%

Incorporated Village of Williston Park  
Water Rate Update for Bond Service for New Elevated Tank  
11/2/2018

Calculations for Projected Budget from Water Department Adopted FYE 5/31/2019

	Adopted FYE 5/31/2019 Budget	Projected Percent Increase For FYE 5/31/2020	Projected FYE 5/31/2020 Budget	Projected Percent Increase For FYE 5/31/2021	Projected FYE 5/31/2021 Budget
<b>SPECIAL ITEMS</b>					
Auditor	\$2,870				
Attorney/Account	\$15,000				
Bond Counsel	\$5,000				
Engineer Expense	\$30,000				
Water Analysis	\$2,500				
Unallocated Insurance	\$28,100				
Contingent Fund	\$30,000				
Administration Fee	\$500				
<b>TOTAL GENERAL GOVERNMENT</b>	<b>\$113,970</b>	<b>1.3%</b>	<b>\$115,452</b>	<b>1.3%</b>	<b>\$116,952</b>
<b>HOME &amp; COMMUNITY SERVICES</b>					
Equipment	\$25,000				
Supplies	\$5,000				
Conferences	\$2,500				
Miscellaneous	\$1,500				
Uniforms	\$3,000				
Postage	\$4,500				
1. See "Calculations for Projected Budget from W	\$41,500	1.3%	\$42,040	1.3%	\$42,586
<b>SOURCE OF POWER &amp; SUPPLY</b>					
Personal Services	\$352,000				
Overtime	\$45,000				
Equipment	\$25,000				
Gas/Diesel	\$17,000				
Telephone	\$5,000				
Power	\$240,000				
Building & Grounds	\$10,000				
Pump & Well Maint	\$30,000				
Cathodic Protection	\$10,000				
Miscellaneous	\$10,000				
<b>TOTAL</b>	<b>\$744,000</b>	<b>1.3%</b>	<b>\$753,672</b>	<b>1.3%</b>	<b>\$763,470</b>
<b>PURIFICATION &amp; CAUSTIC SODA</b>					
Caustic Soda	\$50,000	1.3%	\$50,650	1.3%	\$51,308
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
Street Valve Installation	\$20,000				
Gas	\$5,800				
Meters Repaired & Replaced	\$20,000				
Truck Maintenance	\$10,000				
Main Repair	\$40,000				
Insurance-Vehicles	\$9,350				
Service Line Maintenance	\$15,000				
Pump/Well Maint.	\$0				
Miscellaneous Expense	\$250				
Water Sample Tests	\$22,500				
<b>TOTAL</b>	<b>\$147,900</b>	<b>1.3%</b>	<b>\$144,758</b>	<b>1.3%</b>	<b>\$146,640</b>

Incorporated Village of Williston Park  
 Water Rate Update for Bond Service for New Elevated Tank  
 11/2/2018

Calculations for Projected Budget from Water Department Adopted FYE 5/31/2019

	Adopted FYE 5/31/2019 Budget	Projected Percent Increase For FYE 5/31/2020	Projected FYE 5/31/2020 Budget	Projected Percent Increase For FYE 5/31/2021	Projected FYE 5/31/2021 Budget
<b>EMPLOYEE BENEFITS</b>					
NYS Retirement	\$54,865				
Social Security	\$29,000				
Workers Compensation	\$13,320				
Disability Insurance	\$450				
Hospital, Medical & Dental	\$90,000				
<b>TOTAL EMPLOYEE BENEFITS</b>	<b>\$187,635</b>	<b>1.3%</b>	<b>\$190,074</b>	<b>1.3%</b>	<b>\$192,545</b>
<b>DEBT SERVICE</b>					
Serial Bonds	\$175,000				
Interest Serial Bonds	\$32,280				
Bond Anticipation Notes					
B.A.N. Interest					
<b>TOTAL DEBT SERVICE</b>	<b>\$207,280</b>	<b>0.0%</b>	<b>\$207,280</b>	<b>0.0%</b>	<b>\$207,280</b>
<b>INTERFUND TRANSFERS</b>					
Transfer to General Fund	\$50,000				
Transfer Repair Reserve	\$0				
<b>TOTAL TRANSFERS</b>	<b>\$50,000</b>	<b>0.0%</b>	<b>\$50,000</b>	<b>0.0%</b>	<b>\$50,000</b>
<b>OTHER BUDGETARY APPROPRIATIONS</b>					
Estimated Revenue In Excess of Expenditures	\$0	0.0%	\$0	0.0%	\$0
<b>TOTAL WATER FUND APPROPRIATIONS:</b>	<b>\$1,537,285</b>		<b>\$1,553,925</b>		<b>\$1,570,781</b>

Notes:

1. Inflation data taken from United States Department of Labor Bureau of Labor Statistics (attached).
2. FYE 5/31/2021 Budget used as mid-point of the rate evaluation period.

Village of Williston Park  
 Nassau County, New York  
 \$6,500,000 Public Improvement (Serial) Bonds - 2018

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/01/2018	-	-	-	-	-
06/15/2019	170,000.00	3.000%	195,770.65	365,770.65	-
02/15/2020	-	-	99,002.50	99,002.50	-
05/01/2020	-	-	-	-	461,773.15
06/15/2020	260,000.00	3.000%	99,002.50	359,002.50	-
02/15/2021	-	-	95,102.50	95,102.50	-
05/01/2021	-	-	-	-	454,105.65
06/15/2021	265,000.00	3.000%	95,102.50	360,102.50	-
02/15/2022	-	-	91,127.50	91,127.50	-
05/01/2022	-	-	-	-	451,233.15
06/15/2022	275,000.00	3.000%	91,127.50	366,127.50	-
02/15/2023	-	-	87,002.50	87,002.50	-
05/01/2023	-	-	-	-	451,235.65
06/15/2023	280,000.00	3.000%	87,002.50	367,002.50	-
02/15/2024	-	-	82,802.50	82,802.50	-
05/01/2024	-	-	-	-	449,005.00
06/15/2024	285,000.00	3.000%	82,802.50	367,802.50	-
02/15/2025	-	-	78,527.50	78,527.50	-
05/01/2025	-	-	-	-	446,330.00
06/15/2025	290,000.00	3.000%	78,527.50	368,527.50	-
02/15/2026	-	-	74,177.50	74,177.50	-
05/01/2026	-	-	-	-	442,705.00
06/15/2026	300,000.00	3.000%	74,177.50	374,177.50	-
02/15/2027	-	-	69,677.50	69,677.50	-
05/01/2027	-	-	-	-	443,855.00
06/15/2027	310,000.00	3.000%	69,677.50	379,677.50	-
02/15/2028	-	-	65,027.50	65,027.50	-
05/01/2028	-	-	-	-	444,705.00
06/15/2028	315,000.00	3.000%	65,027.50	380,027.50	-
02/15/2029	-	-	60,302.50	60,302.50	-
05/01/2029	-	-	-	-	440,330.00
06/15/2029	325,000.00	3.000%	60,302.50	385,302.50	-
02/15/2030	-	-	55,427.50	55,427.50	-
05/01/2030	-	-	-	-	440,730.00
06/15/2030	335,000.00	3.000%	55,427.50	390,427.50	-
02/15/2031	-	-	50,402.50	50,402.50	-
05/01/2031	-	-	-	-	440,830.00
06/15/2031	345,000.00	3.000%	50,402.50	395,402.50	-
02/15/2032	-	-	45,227.50	45,227.50	-
05/01/2032	-	-	-	-	440,630.00
06/15/2032	355,000.00	3.000%	45,227.50	400,227.50	-
02/15/2033	-	-	39,902.50	39,902.50	-
05/01/2033	-	-	-	-	440,130.00
06/15/2033	370,000.00	3.200%	39,902.50	409,902.50	-
02/15/2034	-	-	33,982.50	33,982.50	-
05/01/2034	-	-	-	-	443,885.00
06/15/2034	380,000.00	3.250%	33,982.50	413,982.50	-
02/15/2035	-	-	27,807.50	27,807.50	-
05/01/2035	-	-	-	-	441,790.00
06/15/2035	390,000.00	3.250%	27,807.50	417,807.50	-
02/15/2036	-	-	21,470.00	21,470.00	-
05/01/2036	-	-	-	-	439,277.50
06/15/2036	405,000.00	3.300%	21,470.00	426,470.00	-
02/15/2037	-	-	14,787.50	14,787.50	-
05/01/2037	-	-	-	-	441,257.50
06/15/2037	415,000.00	3.500%	14,787.50	429,787.50	-
02/15/2038	-	-	7,525.00	7,525.00	-
05/01/2038	-	-	-	-	437,312.50
06/15/2038	430,000.00	3.500%	7,525.00	437,525.00	-
05/01/2039	-	-	-	-	437,525.00
<b>Total</b>	<b>\$6,500,000.00</b>	<b>-</b>	<b>\$1,294,335.65</b>	<b>\$8,094,335.65</b>	<b>-</b>

Yield Statistics

Bond Year Duration	5.7491528
Average Life	11.525 Years
Average Coupon	3.19605795%
Net Interest Cost (NIC)	1.0877131%
True Interest Cost (TIC)	3.04874635%
Bond Yield-Excluding Expenses	3.1822817%
All Inclusive Cost (AIC)	3.11067461%
<b>IRS Form 8038</b>	
Net Interest Cost	3.19605795%
Weighted Average Maturity	11.525 Years
FIN Financial Capital Mgr   SINGLE PURPOSE   01/05/2018   2:11 PM	

Capital Markets Advisors, LLC  
 Independent Financial Advisors

Incorporated Village of Williston Park  
 Water Rate Update for Bond Service for New Elevated Tank  
 11/2/2018

Revenue

**Commercial**

Water Rate (\$/1,000 Gal)		Max Gallons	# of Inv (4 yrs)	4 Yr Usage (x1,000)	Total Annual Invoice Value
Current	Proposed				
\$ 4.33	\$ 5.67	10,000	3,665	NR	\$ 52,000
\$ 4.33	\$ 5.67	99,000	2,163	86,326	\$ 122,400
\$ 4.33	\$ 5.67	>99,000	425	109,880	\$ 155,800
<b>Total =</b>					<b>\$ 330,200</b>

**Residential**

Water Rate (\$/1,000 Gal)		Max Gallons	# of Inv (4 yrs)	4 Yr Usage (x1,000)	Total Annual Invoice Value
Current	Proposed				
\$ 3.92	\$ 5.14	10,000	33,470	NR	\$ 430,100
\$ 3.92	\$ 5.14	50,000	26,450	382,642	\$ 491,700
\$ 4.09	\$ 5.36	>50,000	1,790	34,887	\$ 46,700
<b>Total =</b>					<b>\$ 968,500</b>

**Village of East Williston**

Water Rate (\$/1,000 Gal)		Avg Ann Usage (x1,000)	Total Annual Invoice Value
Current	Proposed		
\$ 4.33	\$ 5.67	128,669	\$ 729,600

<b>Total Water Sales Revenue with New Water Rates =</b>	<b>\$ 2,028,300</b>
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**Notes:**

1. Table from "Evaluation of Water Rates Report", Revised July 2012. Calculations updated to include proposed rates for reference.