



FLOYD COUNTY BOARD OF EDUCATION
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Sherry Robinson- Chair - District 5
William Newsome, Jr., Vice-Chair - District 3
Linda C. Gearheart, Member - District 1
Dr. Chandra Varia, Member- District 2
Rhonda Meade, Member - District 4

Student Support: Receive Utility Report for Betsy Layne High School.

Applicable Statue(s), etc.: N/A

Fiscal Budgetary Impact:

2016/2017 SY (July 16-June 17) \$123,999.49

2017/2018 SY (July 17-June 18) \$169,037.01

History / Background:

January 2019

Board received utility report for May Valley Elementary.

Staff Recommendation: To accept report as presented.

Contact Person:
Gregory Adams
Director of Facilities
(606) 874-9569


Director


Superintendent

DATE: February 25, 2019

Utility Report

February 25, 2019



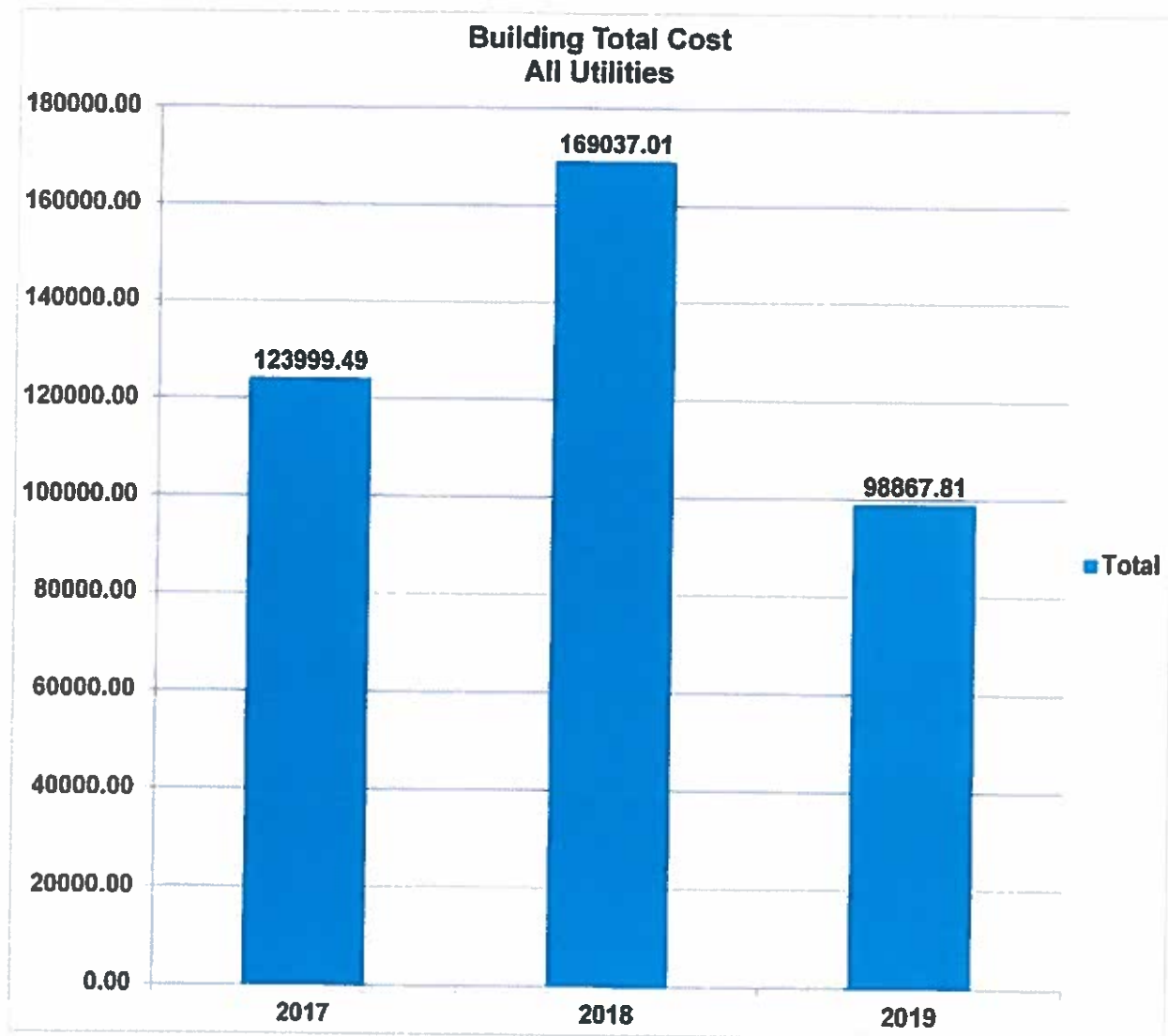
Betsy Layne High School

2016-2017 / 2017-2018

School Years

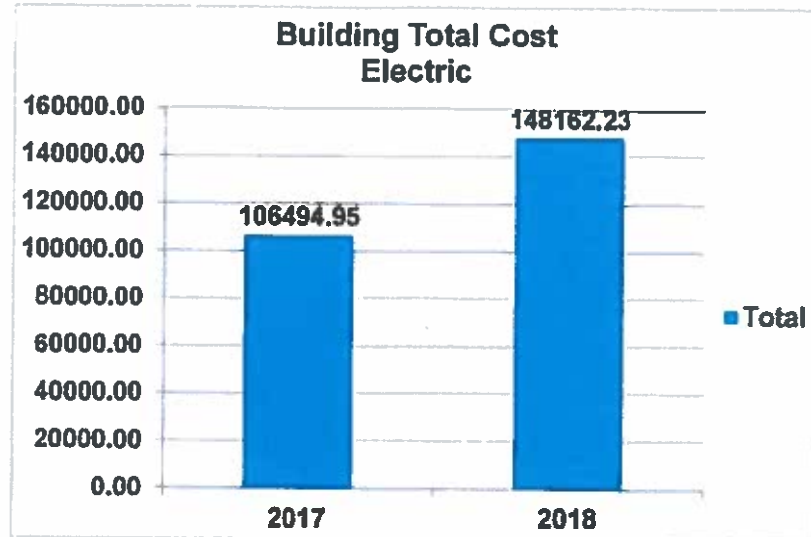


Cost	
Year	Total
2017	123999.49
2018	169037.01
2019	98867.81
Grand Total	391904.31

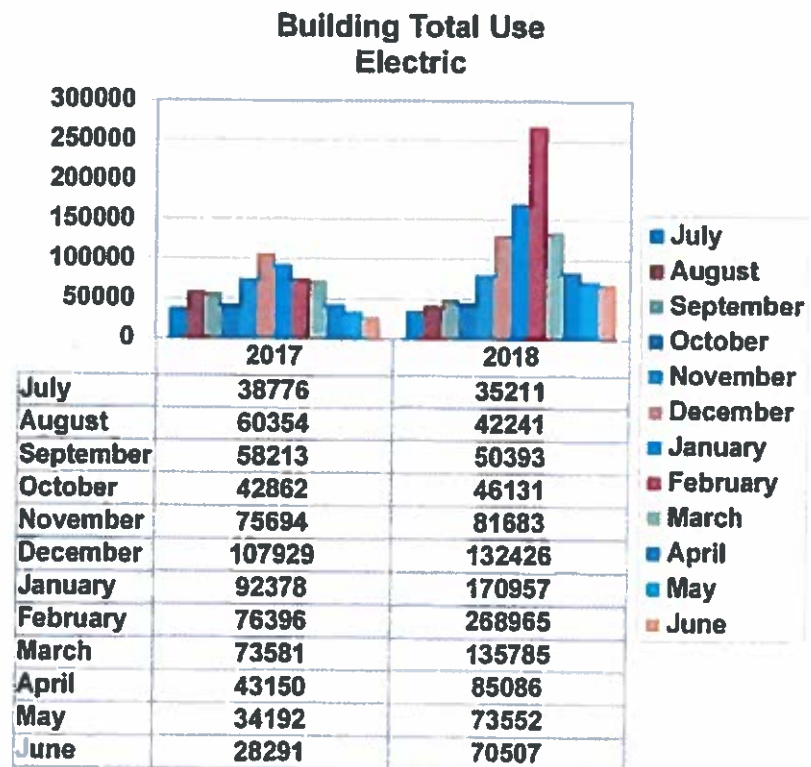


All Utilities Increased by \$45,037.52

Cost	
Year	Total
2017	106494.95
2018	148162.23
Grand Total	254657.18



Use	
Year	Grand Total
2017	731816.00
2018	1192937.00
Grand Total	1924753.00



Total Electric Cost Increased by \$41,667.28

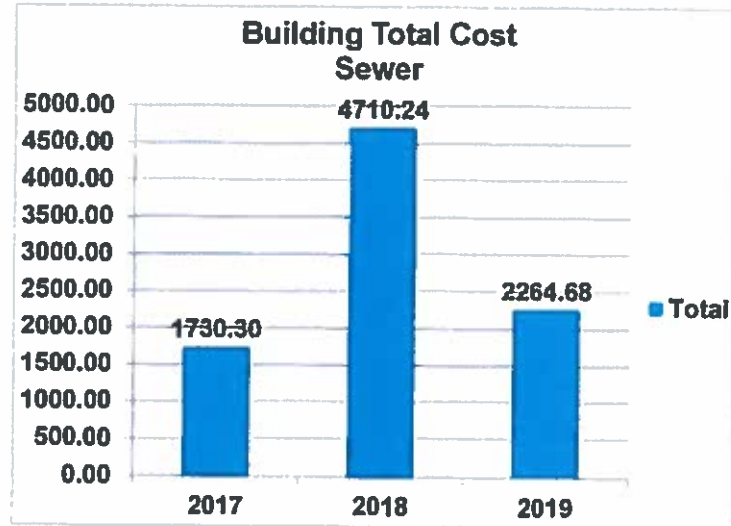
Total Electric Use Increased by 461,121 KWH

Cost Per KWH in 2017 - \$.1455

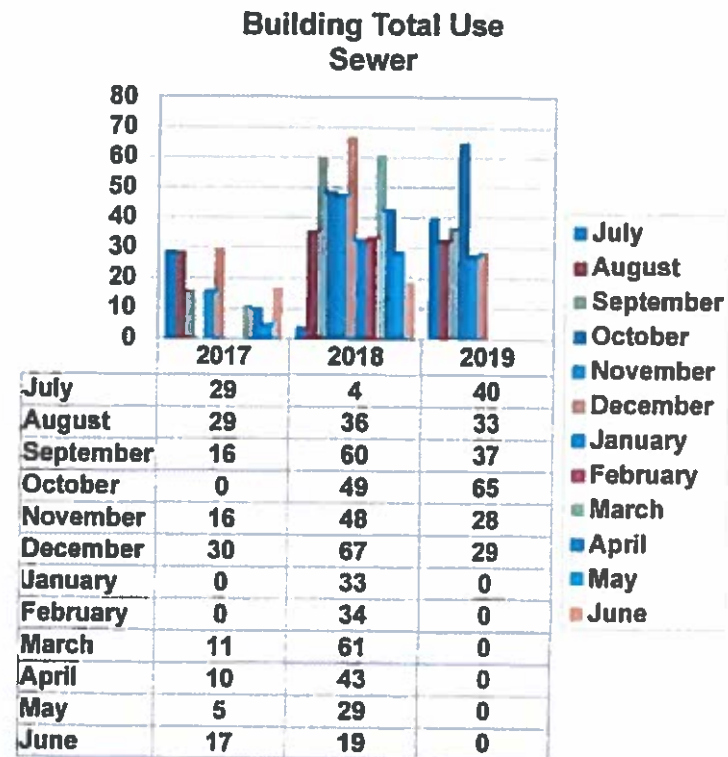
Cost Per KWH in 2018 - \$.1241

The increased in 2018 was due to construction and additional square footage

Cost	
Year	Total
2017	1730.30
2018	4710.24
2019	2264.68
Grand Total	8705.22



Use	
Year	Grand Total
2017	163.00
2018	483.00
2019	232.00
Grand Total	878.00

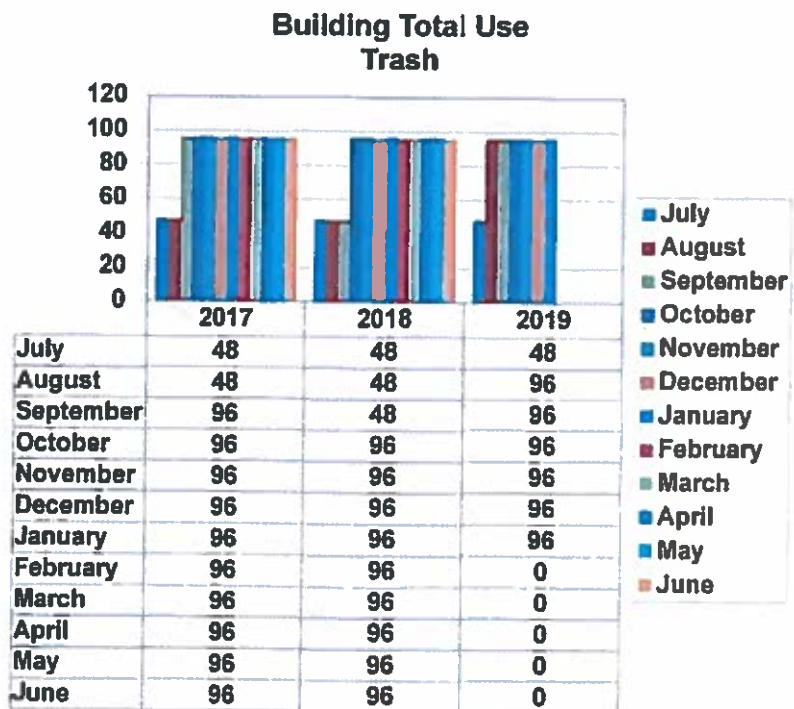


Total Sewer Cost Increased by \$2,979.94
 Total Sewer Use Increased by 320 KGAL
 Cost Per KGAL in 2017 - \$10.62
 Cost Per KGAL in 2018 - \$7.75

Cost	
Year	Total
2017	11442.72
2018	11222.94
2019	7220.86
Grand Total	29886.52



Use	
Year	Grand Total
2017	1056.00
2018	1008.00
2019	624.00
Grand Total	2688.00

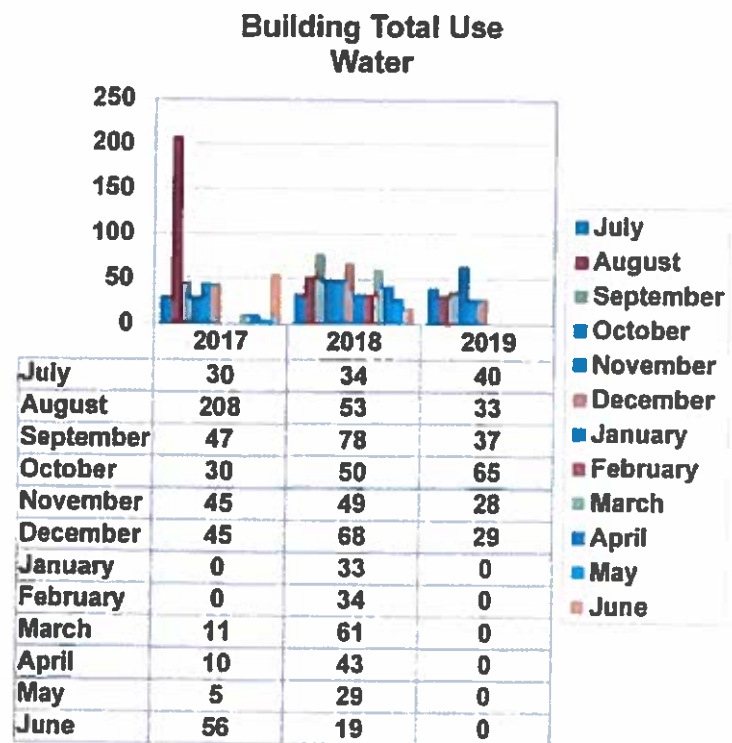


Total Trash Cost Decreased by \$219.78
 Total Trash Use Decreased by 48 Cubic Yards
 Cost Per Cubic Yards in 2017 - \$10.84
 Cost Per Cubic Yards in 2018 - \$11.13

Cost	
Year	Total
2017	4331.52
2018	4941.60
2019	2143.20
Grand Total	11416.32



Use	
Year	Grand Total
2017	487.00
2018	551.00
2019	232.00
Grand Total	1270.00



Total Water Cost Increased by \$610.08
 Total Water Use Increased by 64 KGAL
 Cost Per KGAL in 2017 - \$9.90
 Cost Per KGAL in 2018 - \$8.97

	Year Data					
	2019		2018		2017	
Month	HDD	CDD	HDD	CDD	HDD	CDD
Jan	991	0	1044	0	712	0
Feb	147	0	514	8	496	3
Mar	0	0	695	1	549	3
Apr	0	0	405	16	146	63
May	0	0	5	229	112	88
Jun	0	0	0	252	8	178
Jul	0	0	0	329	0	297
Aug	0	0	1	302	4	204
Sep	0	0	15	227	52	95
Oct	0	0	306	98	210	59
Nov	0	0	695	0	528	5
Dec	0	0	740	0	886	0
Grand Total	1138	0	4420	1462	3703	995

Heating degree day (HDD) is measurement designed to reflect the demand for energy needed to heat a home or Business. It is derived from measurements of outside air Temperature. The heating requirements for a given structure at a specific location are considered to directly proportional to the number of HDD at that location. A similar measurement, cooling degree day (CDD), reflects the amount of energy used to cool a home Or business.

