



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

Student Support: Receive Utility Report for Prestonsburg Elementary.

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

Fiscal Budgetary Impact:

2015/2016 SY (July 15-June 16) \$86,461.51

2016/2017 SY (July 16-June 17) \$88,104.37

History / Background:

February 2018

Board received utility report for Betsy Layne High.

Staff Recommendation: To accept report as presented.

Contact Person:

Gregory Adams

Director of Facilities

(606) 874-9569


Director


Superintendent

DATE: March 26, 2018

Utility Report

March 26, 2018



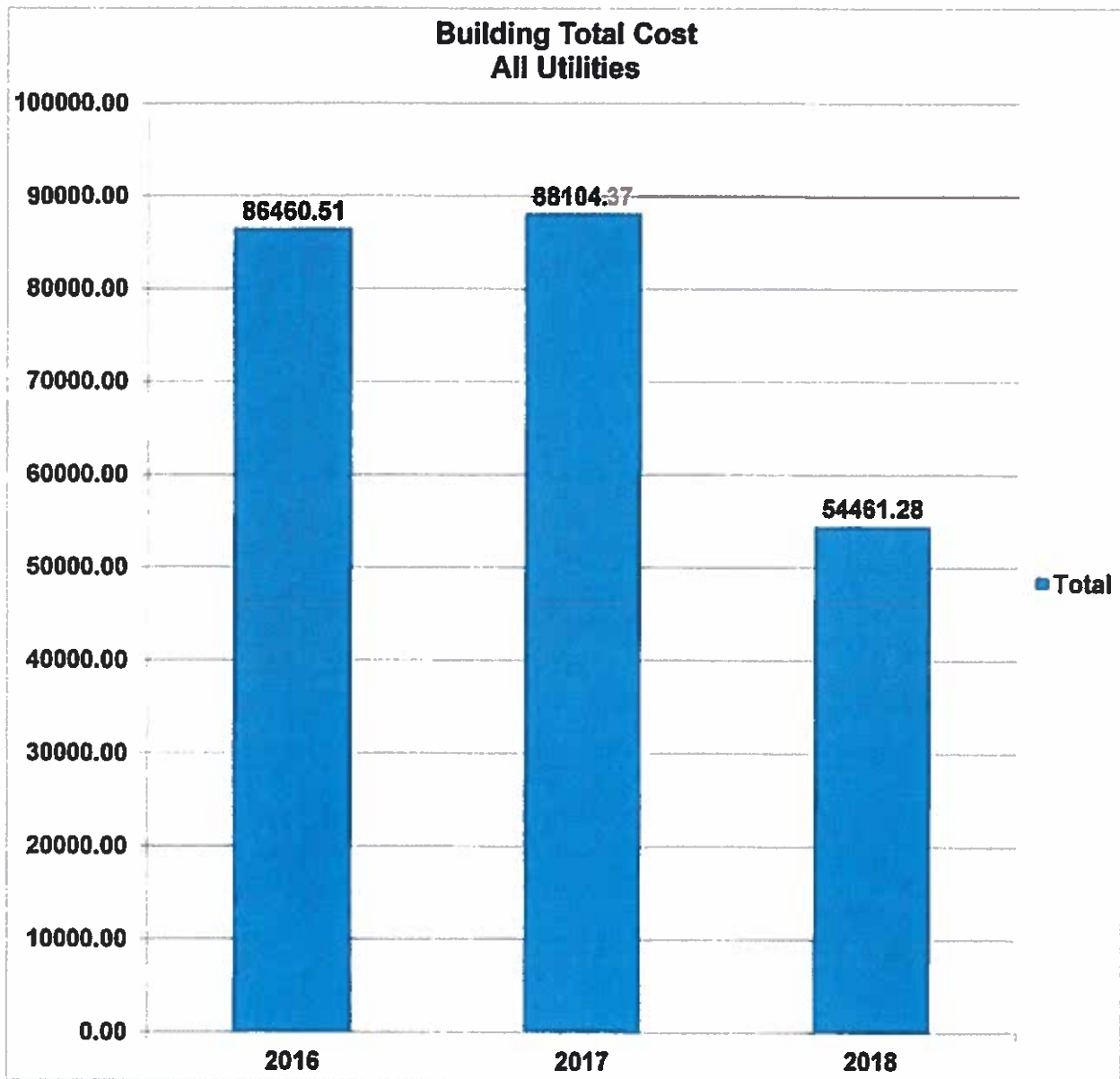
Prestonsburg Elementary School

2015-2016 / 2016-2017

School Years

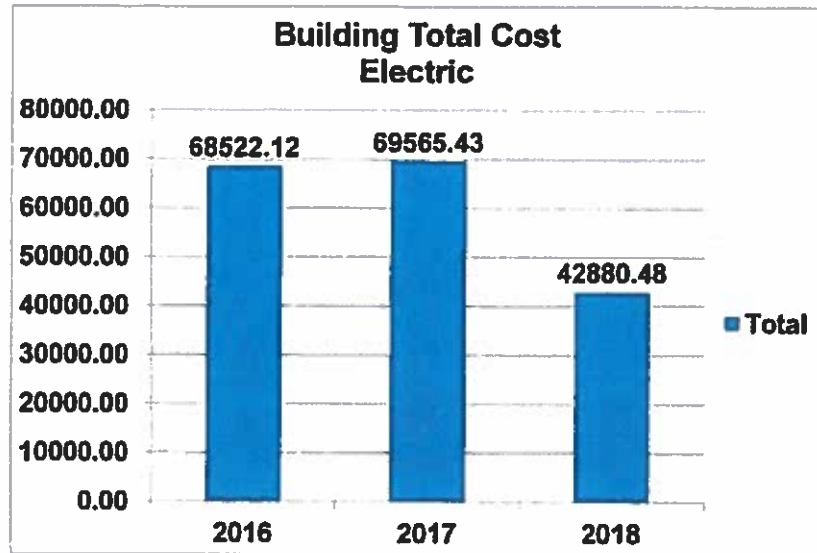


Cost Year	Total
2016	86460.51
2017	88104.37
2018	54461.28
Grand Total	229026.16

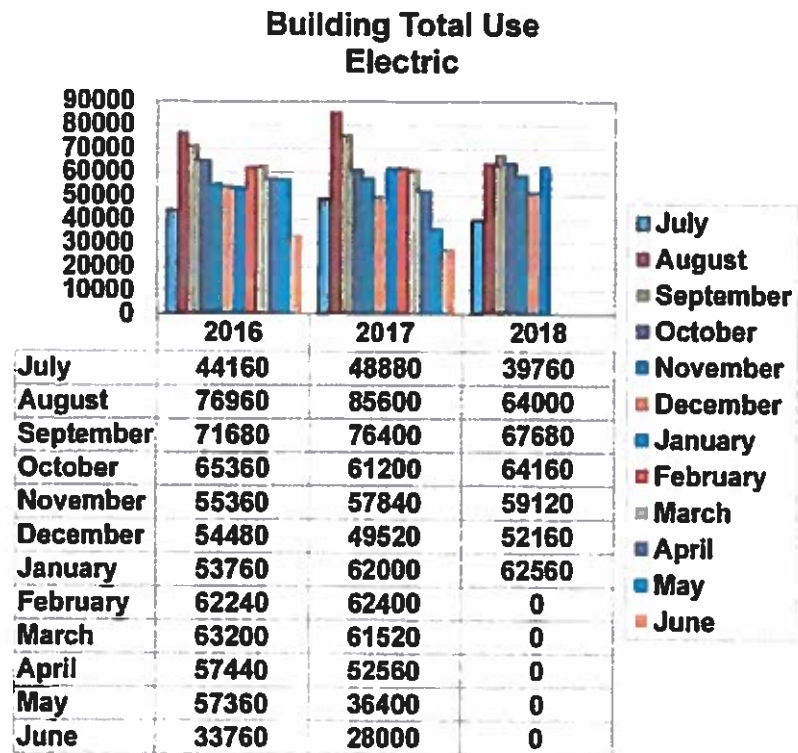


Total Utilities Cost Increased by \$1,643.86

Cost Year	Total
2016	68522.12
2017	69565.43
2018	42880.48
Grand Total	180968.03

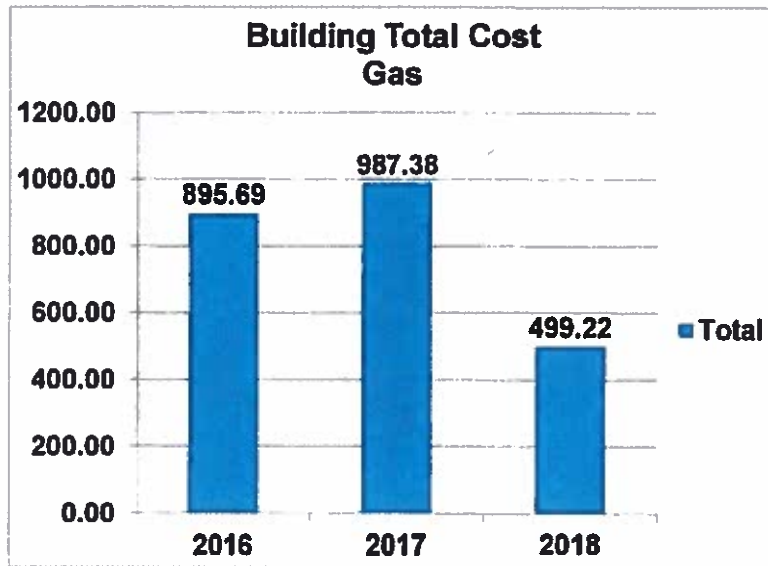


Use Year	Grand Total
2016	695760.00
2017	682320.00
2018	409440.00
Grand Total	1787520.00

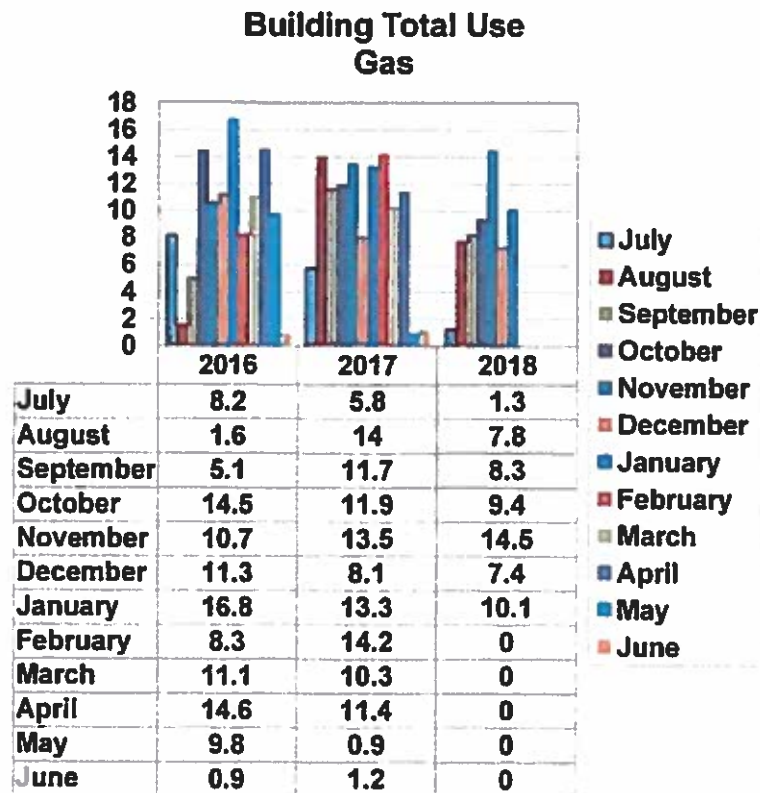


Total Electric Cost Increased by \$1,043.31
Total Electric Use Decreased by 13,440KWH
Cost Per KWH in 2016 - \$.0984
Cost Per KWH in 2017 - \$.1019

Cost Year	Total
2016	895.69
2017	987.38
2018	499.22
Grand Total	2382.29

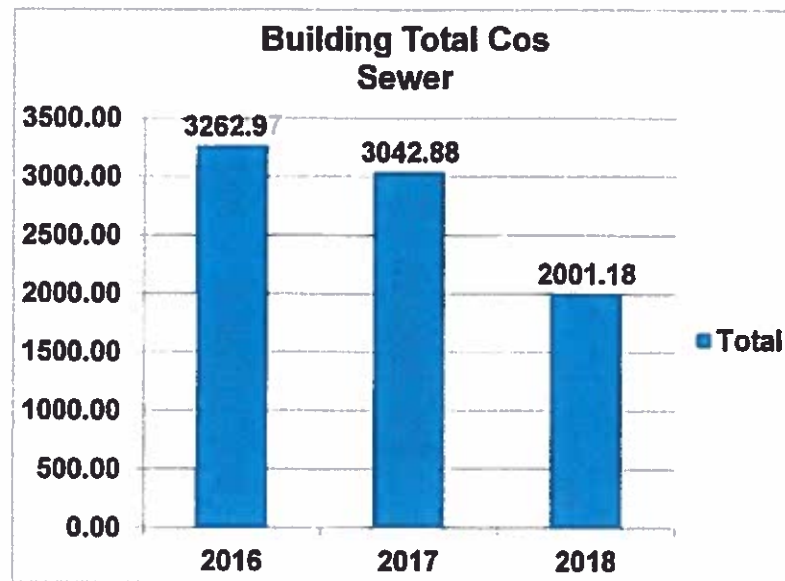


Use Year	Grand Total
2016	112.90
2017	116.30
2018	58.80
Grand Total	288.00

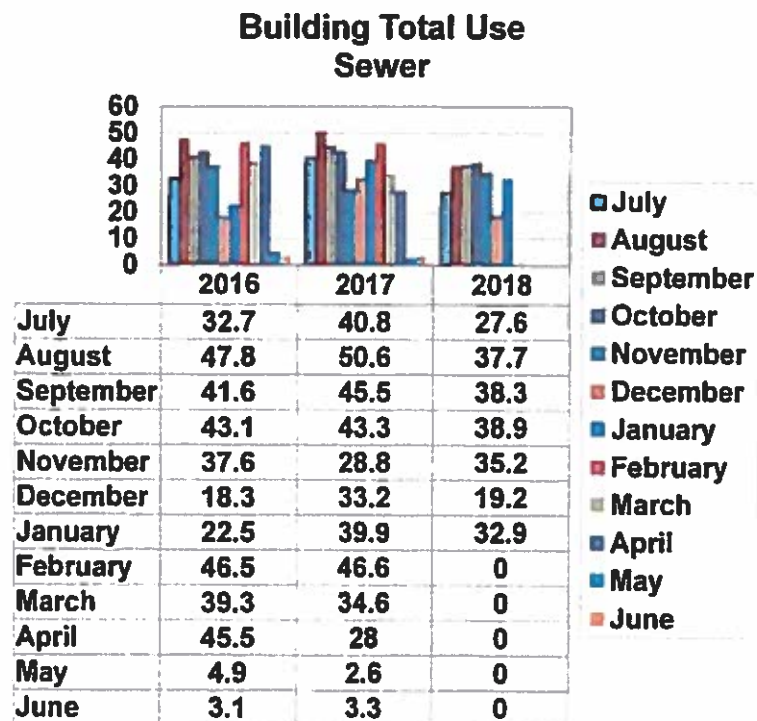


Total Gas Cost Decreased by \$91.69
 Total Gas Use Increased by 3.4 MCF
 Gas Cost Per MCF in 2016 - \$7.93
 Gas Cost Per MCF in 2017 - \$8.49

Cost	
Year	Total
2016	3262.97
2017	3042.88
2018	2001.18
Grand Total	8307.03



Use	
Year	Grand Total
2016	382.90
2017	397.20
2018	229.80
Grand Total	1009.90

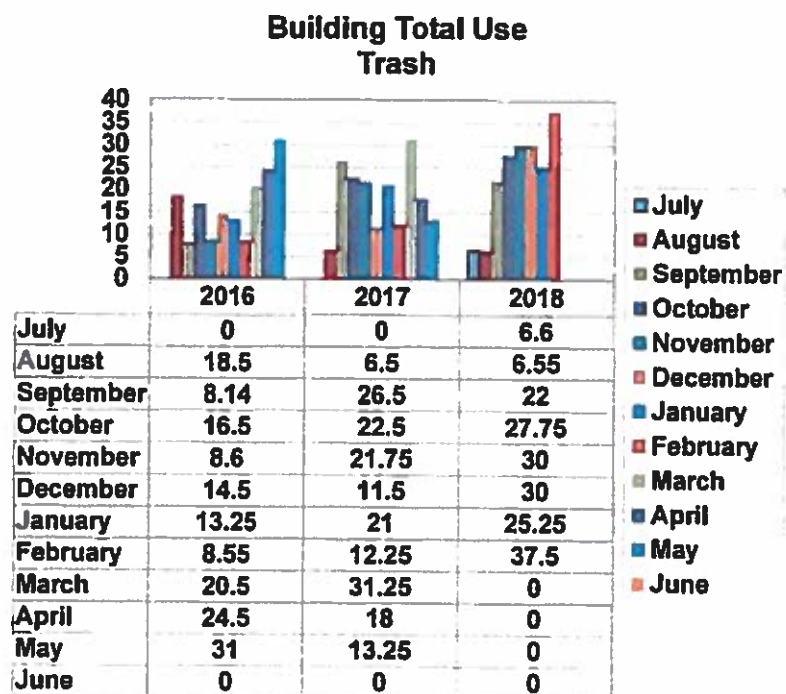


Total Sewer Cost Decreased by \$220.09
 Total Sewer Use Increased by 14.30 KGAL
 Cost Per KGAL in 2016 - \$8.52
 Cost Per KGAL in 2017 - \$7.66

Cost Year	Total
2016	9331.45
2017	10155.43
2018	6335.30
Grand Total	25822.18

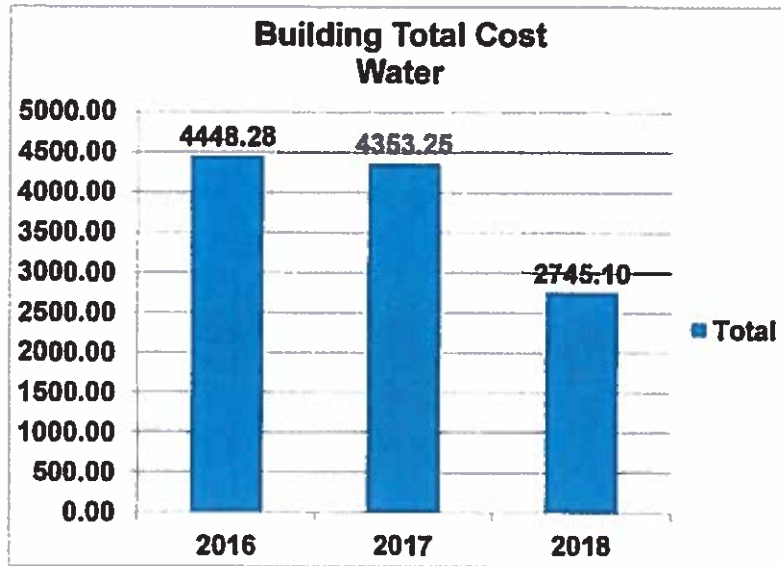


Use Year	Grand Total
2016	164.04
2017	184.50
2018	185.65
Grand Total	534.19

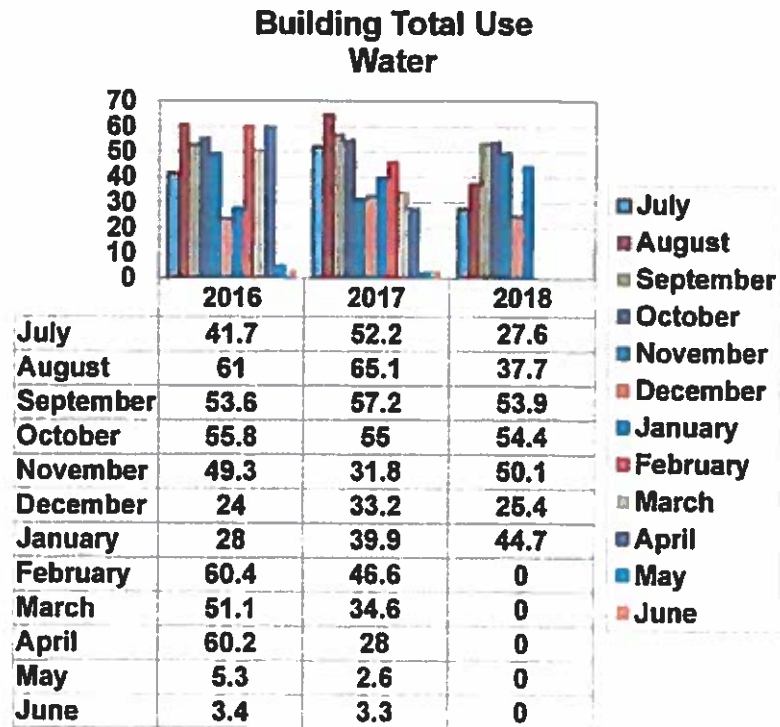


Total Trash Cost Increased by \$823.98
 Total Trash Use Increased by 20.46 Tons
 Cost Per Tonage in 2016 - \$50.89
 Cost Per Tonage in 2017 - \$55.04

Cost	
Year	Total
2016	4448.28
2017	4353.25
2018	2745.10
Grand Total	11546.63



Use	
Year	Grand Total
2016	493.80
2017	449.50
2018	293.80
Grand Total	1237.10



Total Water Cost Decreased by \$95.03
 Total Water Use Decreased by 44.30 KGAL
 Cost Per KGAL in 2016 - \$9.01
 Cost Per KGAL in 2017 - \$9.68

Month	Year Data					
	2018	2017	2016			
	HDD	CDD	HDD	CDD	HDD	CDD
Jan	1026	0	676	0	976	0
Feb	529	8	479	5	736	0
Mar	262	0	531	3	348	13
Apr	0	0	128	75	244	43
May	0	0	102	104	142	82
Jun	0	0	6	200	1	282
Jul	0	0	0	346	0	394
Aug	0	0	1	227	0	415
Sep	0	0	47	112	12	237
Oct	0	0	209	61	120	60
Nov	0	0	505	5	429	15
Dec	0	0	873	0	786	0
Grand Total	1817	8	3557	1138	3794	1541

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.

