



**FLOYD COUNTY BOARD OF EDUCATION**  
**Stephen A. Trimble, Interim Superintendent**  
**106 North Front Avenue**  
**Prestonsburg, Kentucky 41653**  
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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 High School.

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

Fiscal Budgetary Impact:

2014/2015 SY (July 14-June 15) \$192,077.53

2015/2016 SY (July 15-June 16) \$187,337.40

History / Background:

June 2017

Board received utility report for Stumbo Elementary.

Staff Recommendation: To accept report as presented.

Contact Person:

Gregory Adams

Director of Facilities

(606) 874-9569

  
Director

  
Superintendent

DATE: July 24, 2017

# Utility Report

## July 24, 2017



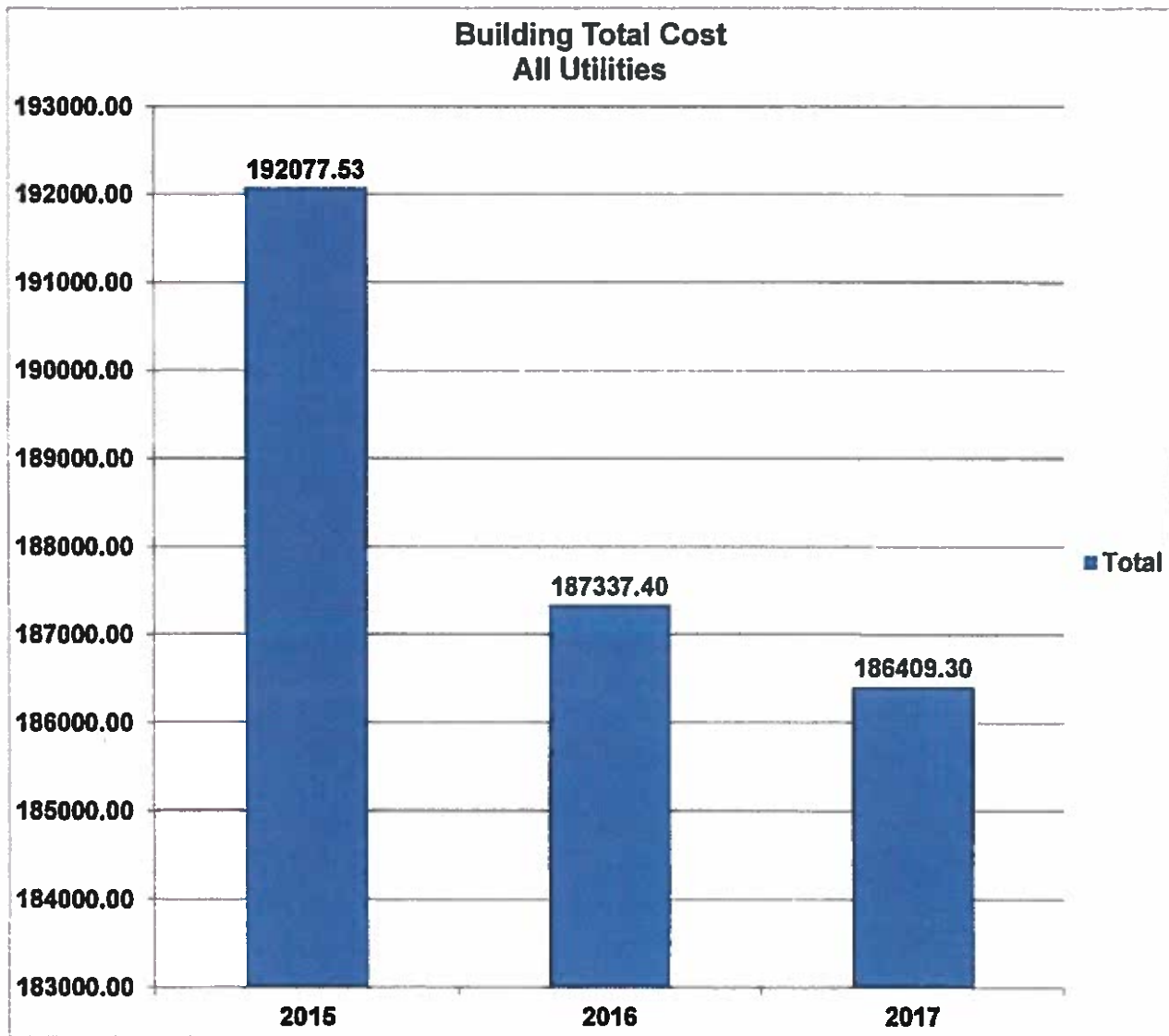
## Prestonsburg High School

### 2014-2015 / 2015-2016

### School Years

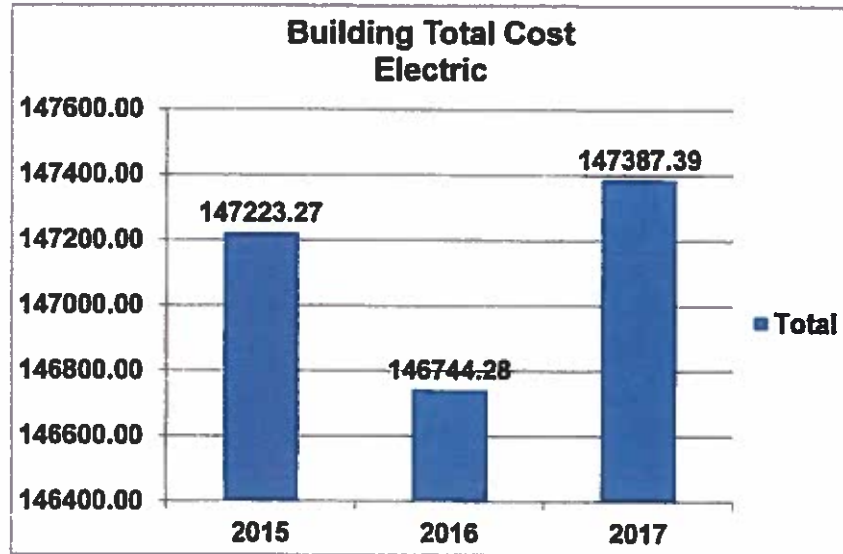


Cost	
Year	Total
2015	192077.53
2016	187337.40
2017	186409.30
Grand Total	565824.23

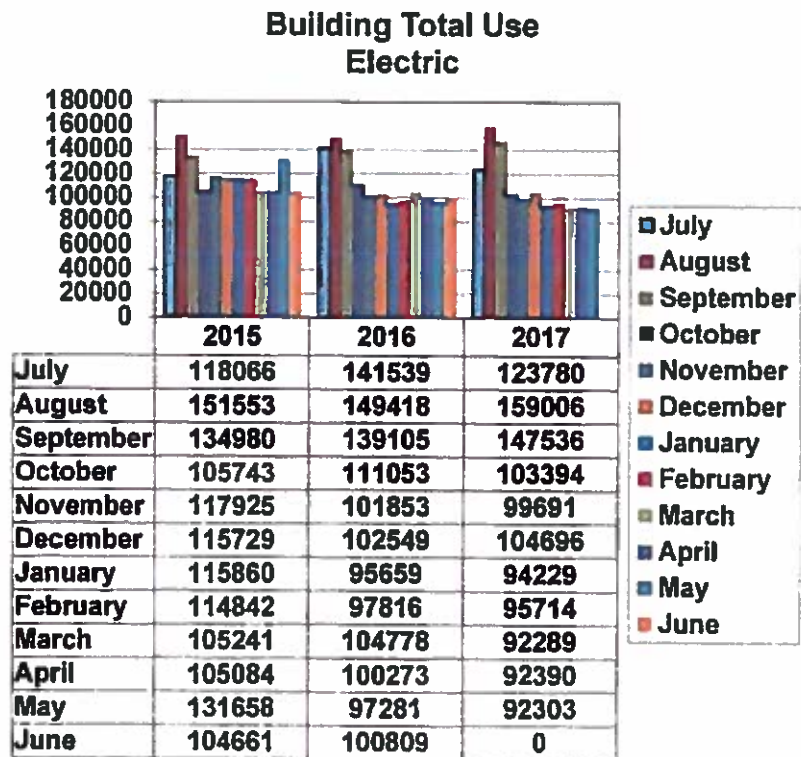


**All Utilities Cost Decreased by \$4,740.13**

Cost Year	Total
2015	147223.27
2016	146744.28
2017	147387.39
Grand Total	441354.94

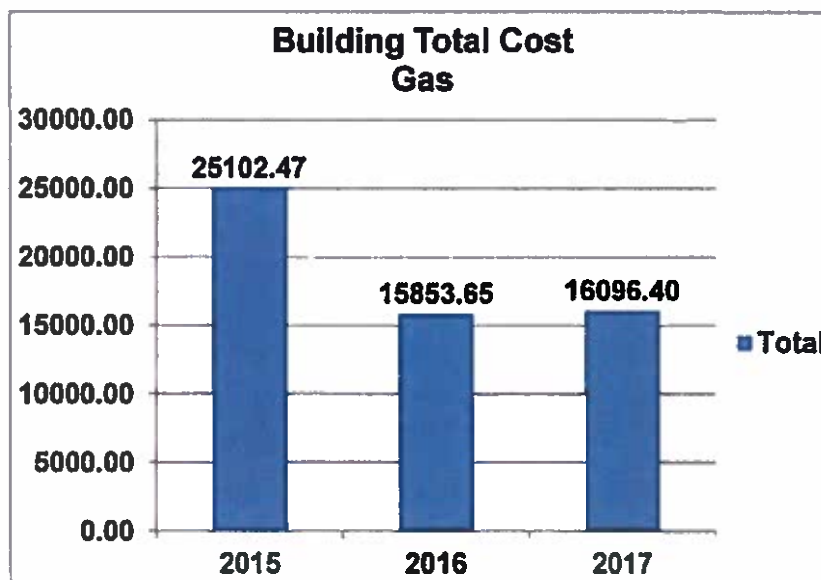


Use Year	Grand Total
2015	1421342.00
2016	1342133.00
2017	1205028.00
Grand Total	3968503.00

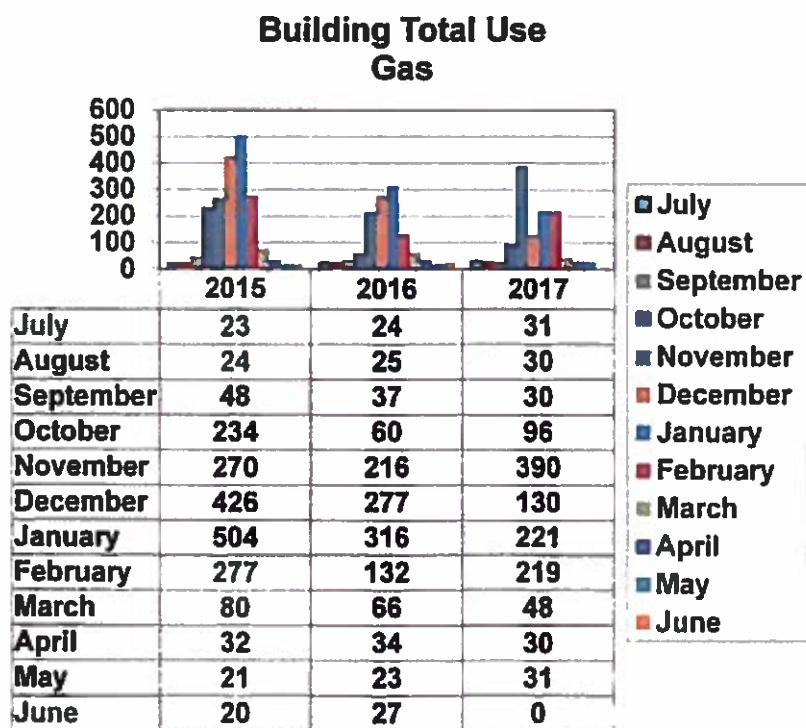


**Total Electric Cost Decreased by \$478.99**  
**Total Electric Use Decreased by 79,209 KWH**  
**Cost Per KWH in 2015 - \$.1036**  
**Cost Per KWH in 2016 - \$.1093**

Cost	
Year	Total
2015	25102.47
2016	15853.65
2017	16096.40
Grand Total	57052.52

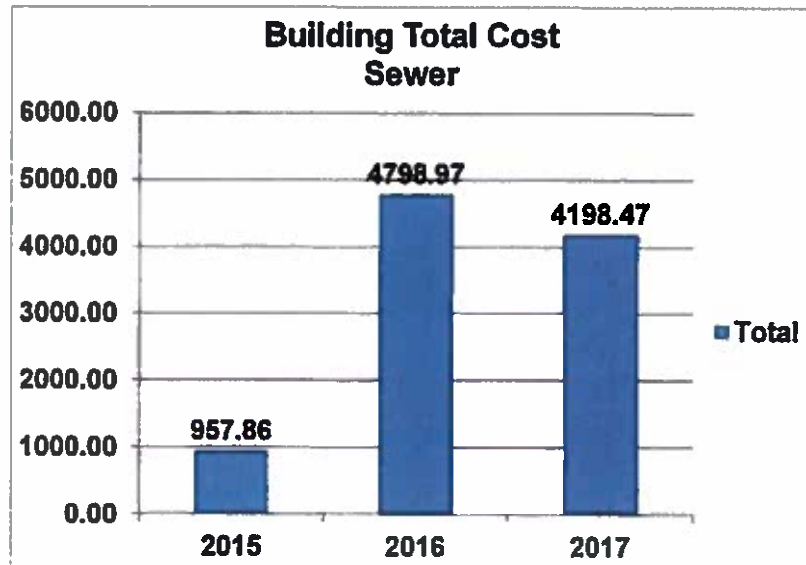


Use	
Year	Grand Total
2015	1959.00
2016	1237.00
2017	1256.00
Grand Total	4452.00

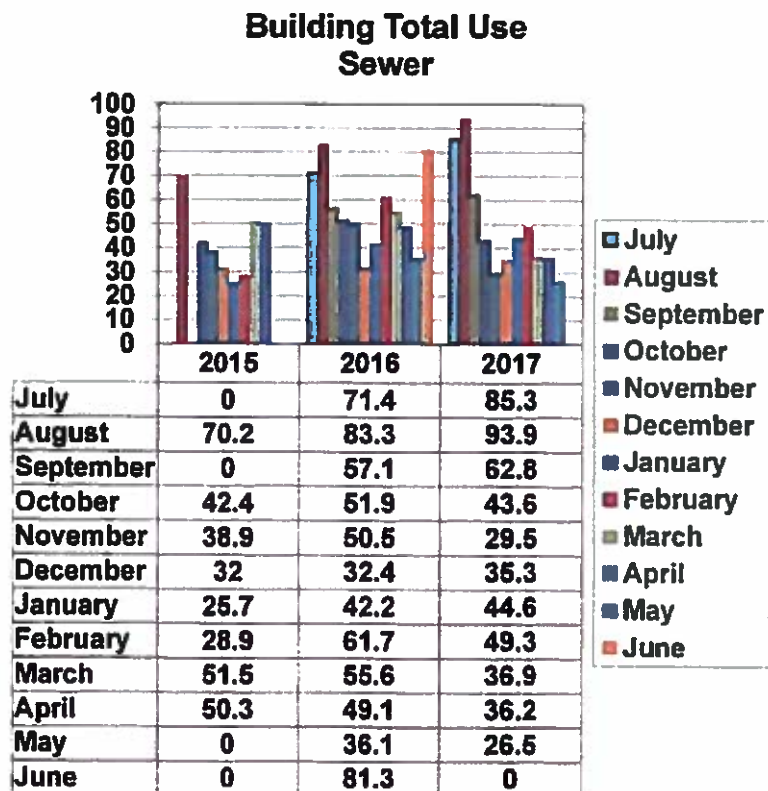


Total Gas Cost Decreased by \$9,248.82  
 Total Gas Use Decreased by 722 MCF  
 Cost Per MCF in 2015 - \$12.81  
 Cost Per MCF in 2016 - \$12.82

Cost	
Year	Total
2015	957.86
2016	4798.97
2017	4198.47
Grand Total	9955.30



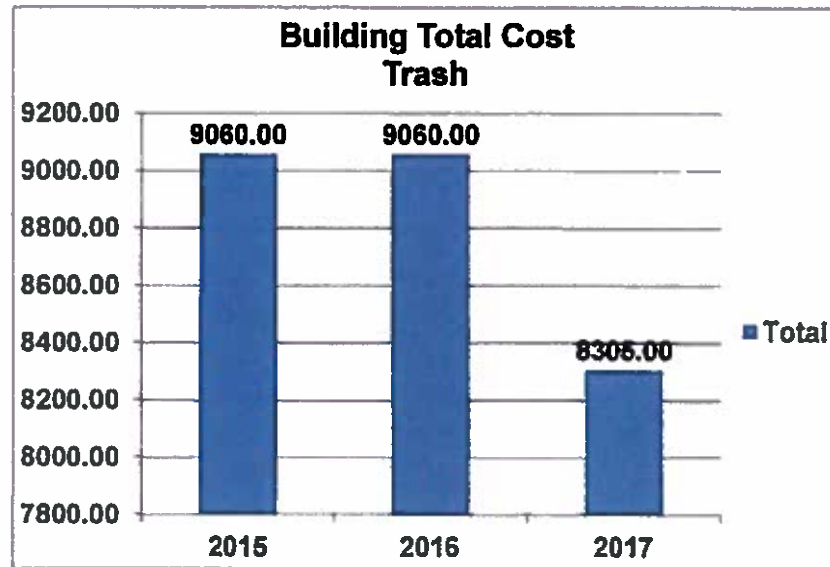
Use	
Year	Grand Total
2015	339.90
2016	672.60
2017	543.90
Grand Total	1556.40



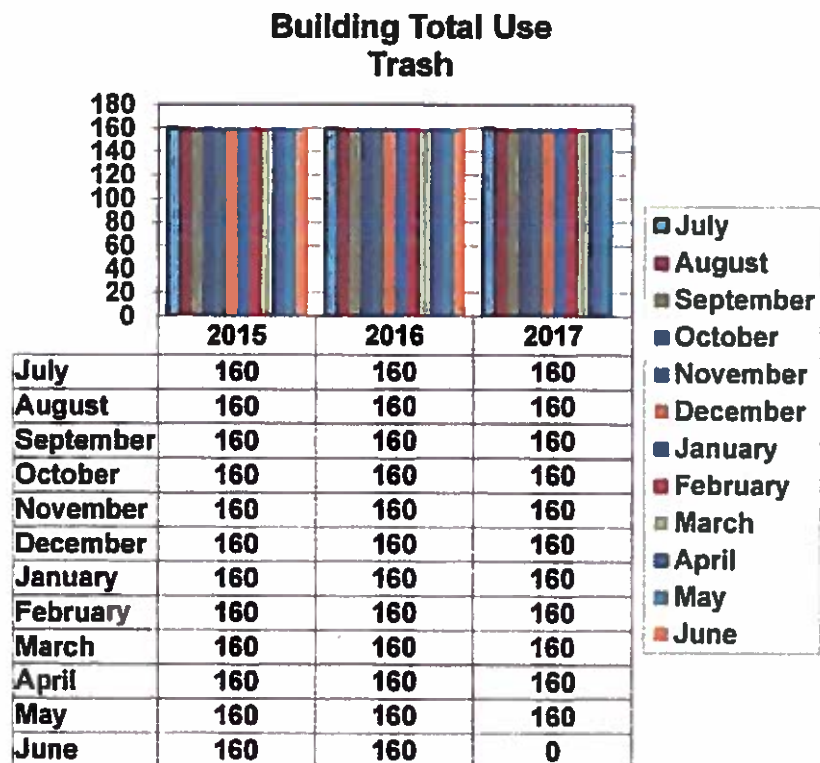
**Total Sewer Cost Increased by \$3,841.11**  
**Total Sewer Use Increased by 332.7 KGAL**  
**Cost Per KGAL in 2015 - \$2.82**  
**Cost Per KGAL in 2016 - \$7.13**



Cost	
Year	Total
2015	9060.00
2016	9060.00
2017	8305.00
Grand Total	26425.00

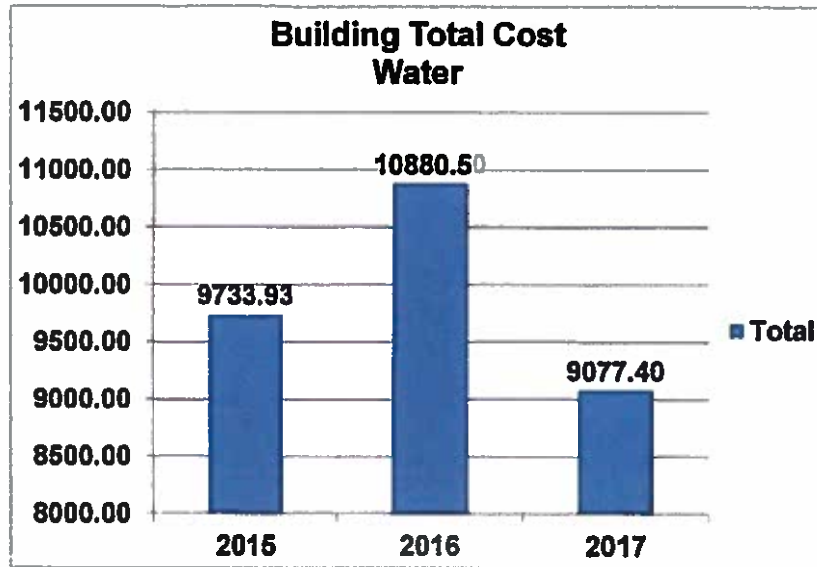


Use	
Year	Grand Total
2015	1920.00
2016	1920.00
2017	1760.00
Grand Total	5600.00

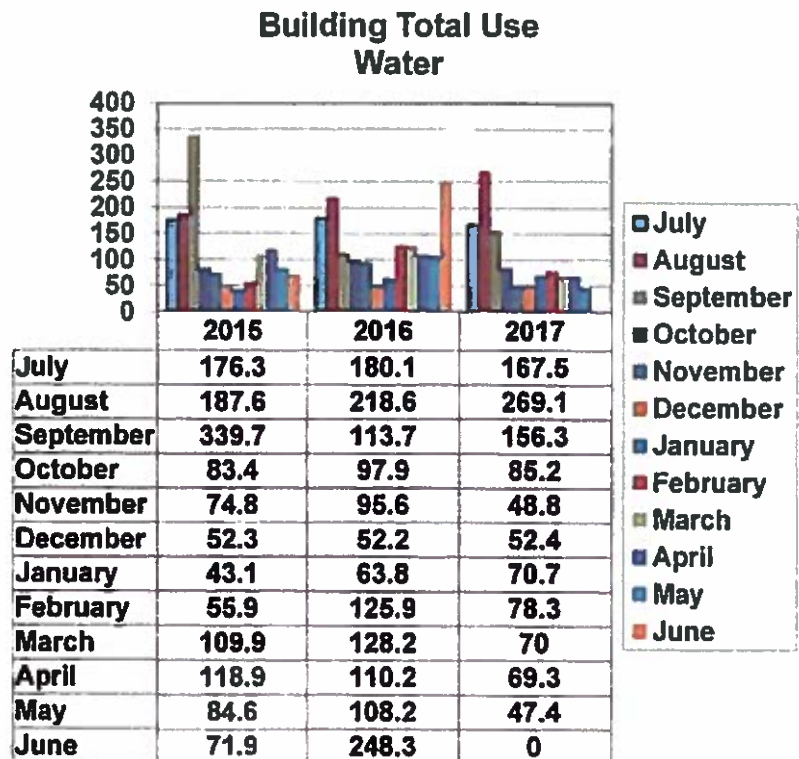


Total Trash Cost Stayed the Same  
 Total Trash Use Stayed the Same  
 Cost Per Cubic Yard in 2015 - \$4.72  
 Cost Per Cubic Yard in 2016 - \$4.72

Cost Year	Total
2015	9733.93
2016	10880.50
2017	9077.40
Grand Total	29691.83



Use Year	Grand Total
2015	1398.40
2016	1542.70
2017	1115.00
Grand Total	4056.10



Total Water Cost Increased by \$1,146.57  
 Total Water Use Increased by 144.3 KGAL  
 Cost Per KGAL in 2015 - \$6.96  
 Cost Per KGAL in 2016 - \$7.05



Month	Year Data					
	2017		2016		2015	
	HDD	CDD	HDD	CDD	HDD	CDD
Jan	676	0	976	0	977	0
Feb	479	5	736	0	1056	0
Mar	531	3	348	13	554	0
Apr	128	75	244	43	209	22
May	102	104	142	82	44	175
Jun	6	200	1	282	9	271
Jul	0	98	0	394	0	319
Aug	0	0	0	415	2	244
Sep	0	0	12	237	27	166
Oct	0	0	120	60	234	8
Nov	0	0	429	15	376	9
Dec	0	0	786	0	443	1
Grand Total	1922	485	3794	1541	3931	1215

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.

