



FLOYD COUNTY BOARD OF EDUCATION
Stephen A. Trimble, Interim Superintendent
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Sherry Robinson- Chair - District 5
Dr. Chandra Varla, 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 Betsy Layne Elementary.

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

Fiscal Budgetary Impact:

2015/2016 SY (July 15-June 16) \$170,922.87

2016/2017 SY (July 16-June 17) \$184,607.68

History / Background:

Aug 2017

Meeting was held at Floyd Central and no data is available at this time.

Staff Recommendation: To accept report as presented.

Contact Person:

Gregory Adams

Director of Facilities

(606) 874-9569


Director


Superintendent

DATE: October 23, 2017

Utility Report

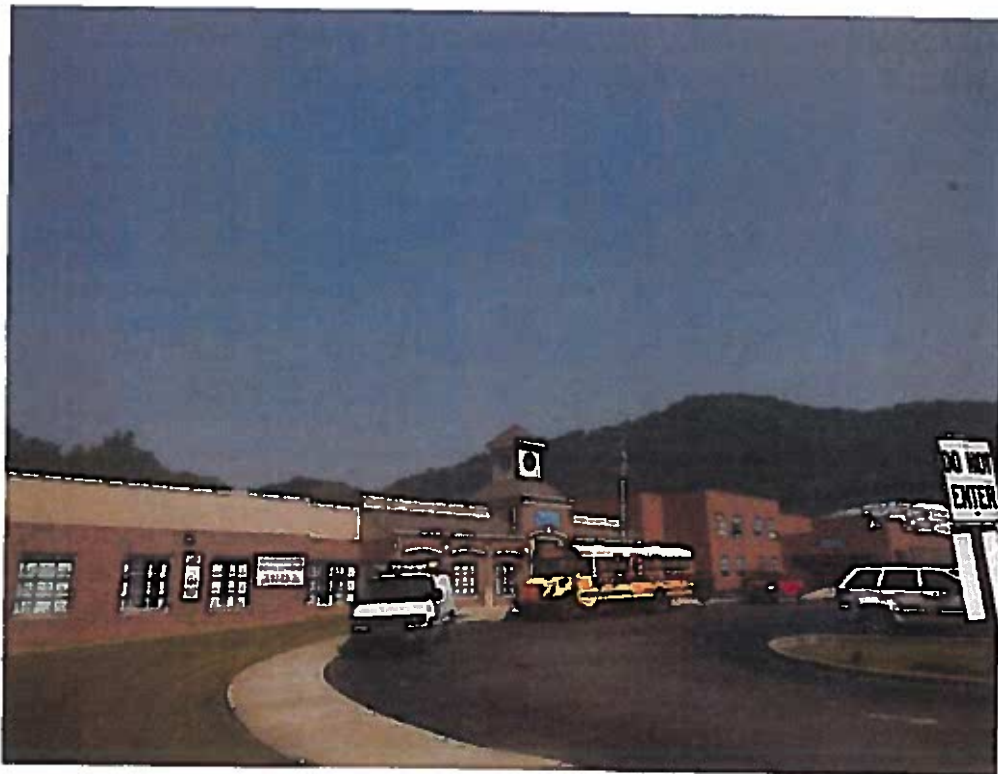
October 23, 2017



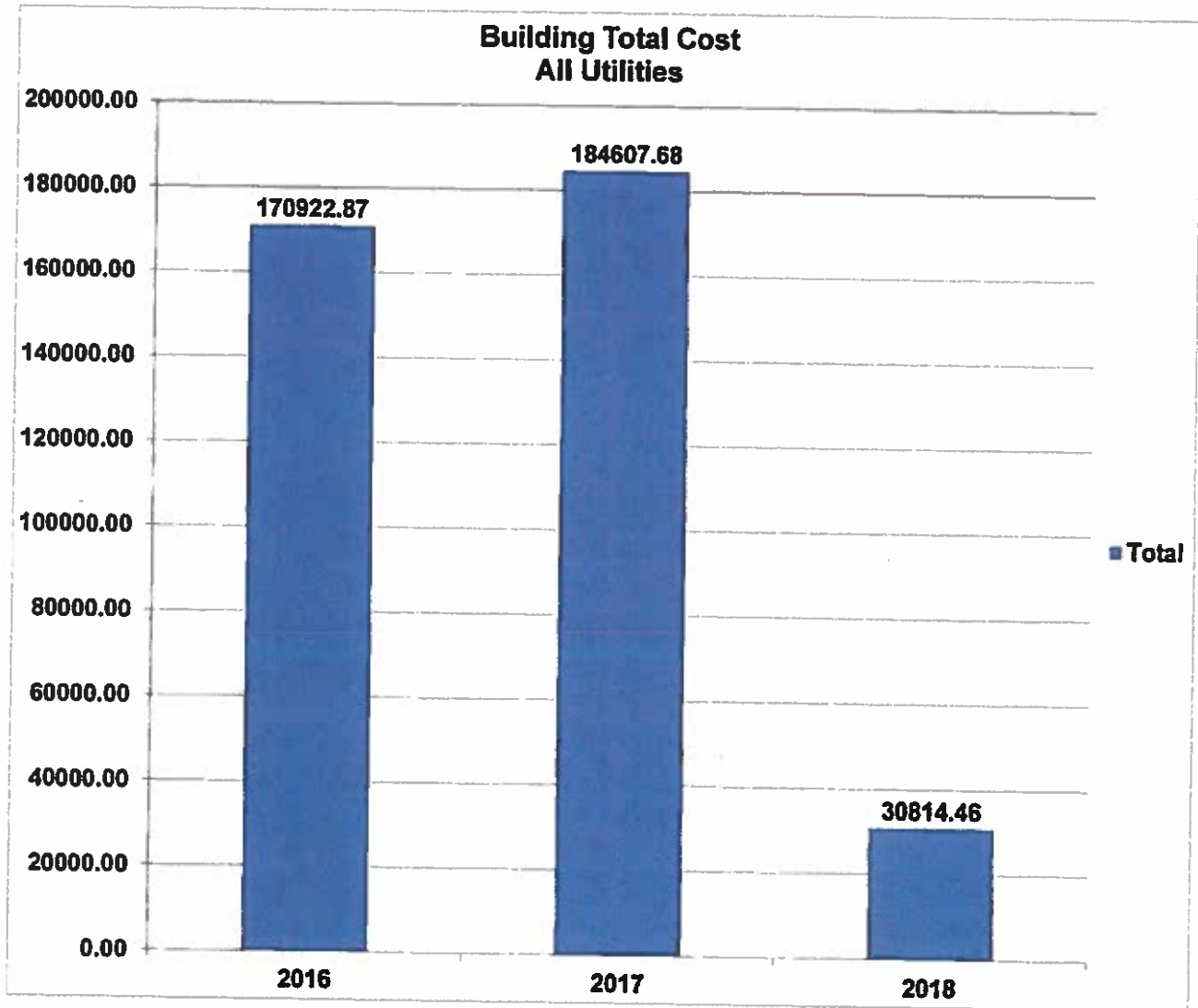
Betsy Layne Elementary

2015-2016 / 2016-2017

School Years

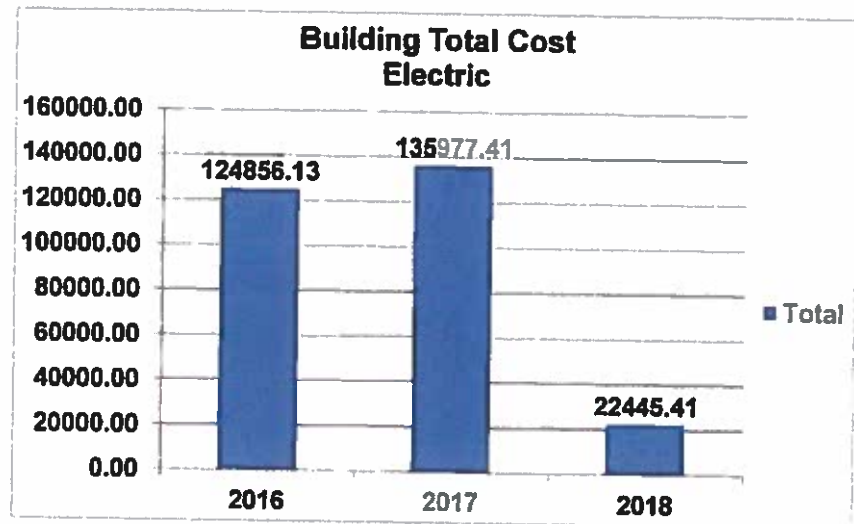


Cost Year	Total
2016	170922.87
2017	184607.68
2018	30814.46
Grand Total	386345.01

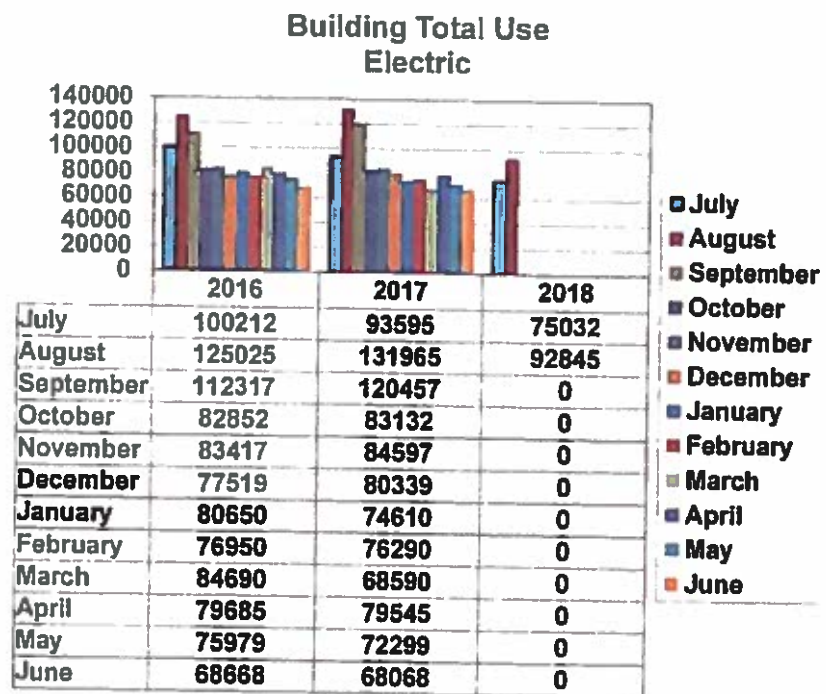


Total Utility Cost Increased by \$13,684.81

Cost Year	Total
2016	124856.13
2017	135977.41
2018	22445.41
Grand Total	283278.95

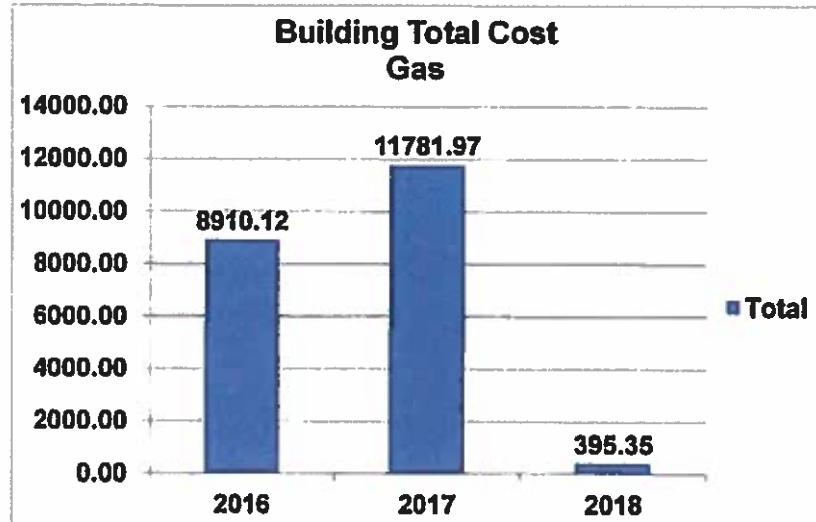


Use Year	Grand Total
2016	1047964.00
2017	1033487.00
2018	167877.00
Grand Total	2249328.00

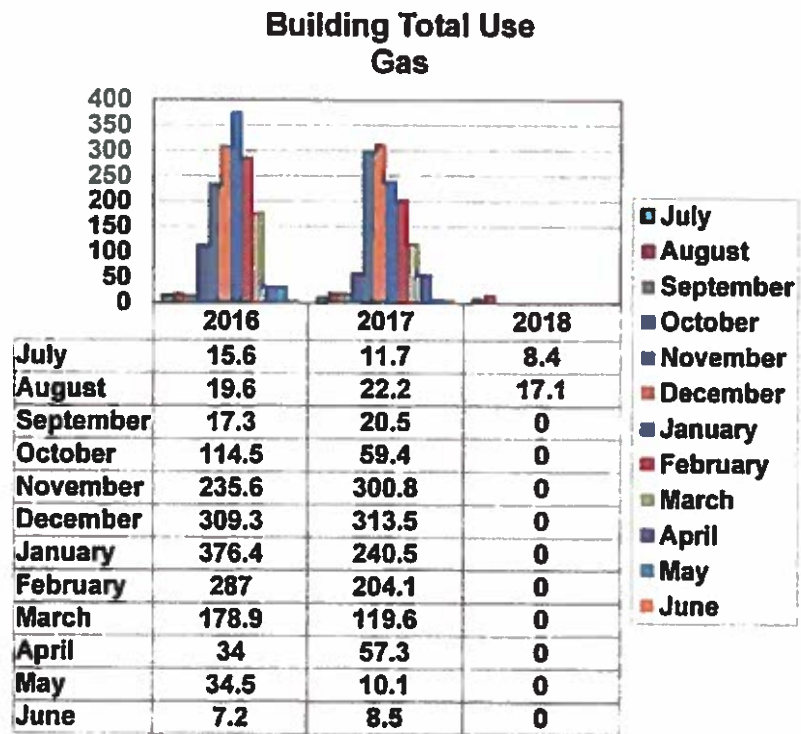


Total Electric Cost Increased by \$11,121.28
 Total Electric Use Decreased by 14,477 KWH
 Cost per KWH in 2016 - \$.1287
 Cost per KWH in 2017 - \$.1315

Cost Year	Total
2016	8910.12
2017	11781.97
2018	395.35
Grand Total	21087.44

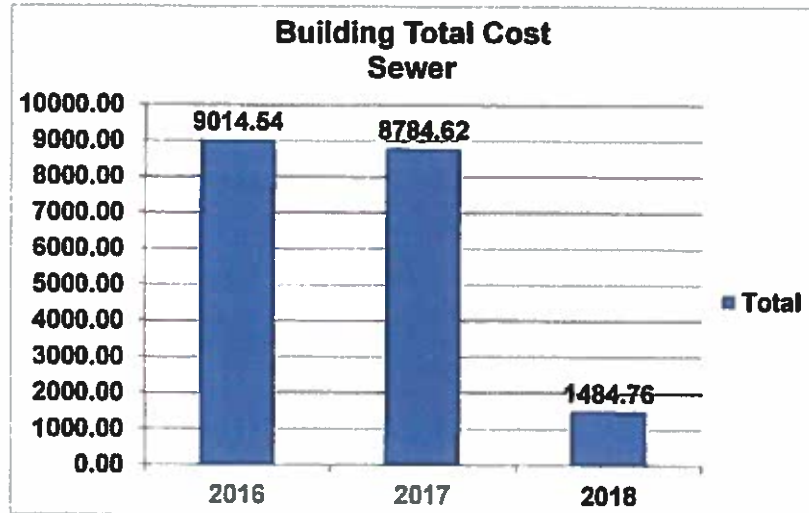


Use Year	Grand Total
2016	1629.90
2017	1368.20
2018	25.50
Grand Total	3023.60

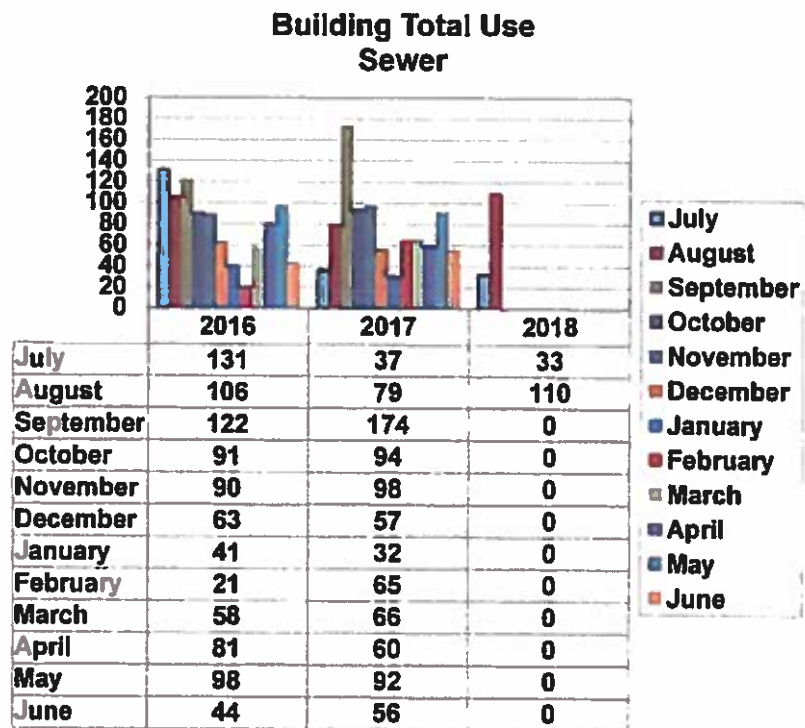


Total Gas Cost Increased by \$2871.85
 Total Gas Use Decreased by 261.70 MCF
 Cost per MCF in 2016 - \$5.47
 Cost per MCF in 2017 - \$8.61

Cost Year	Total
2016	9014.54
2017	8784.62
2018	1484.76
Grand Total	19283.92



Use Year	Grand Total
2016	946.00
2017	910.00
2018	143.00
Grand Total	1999.00

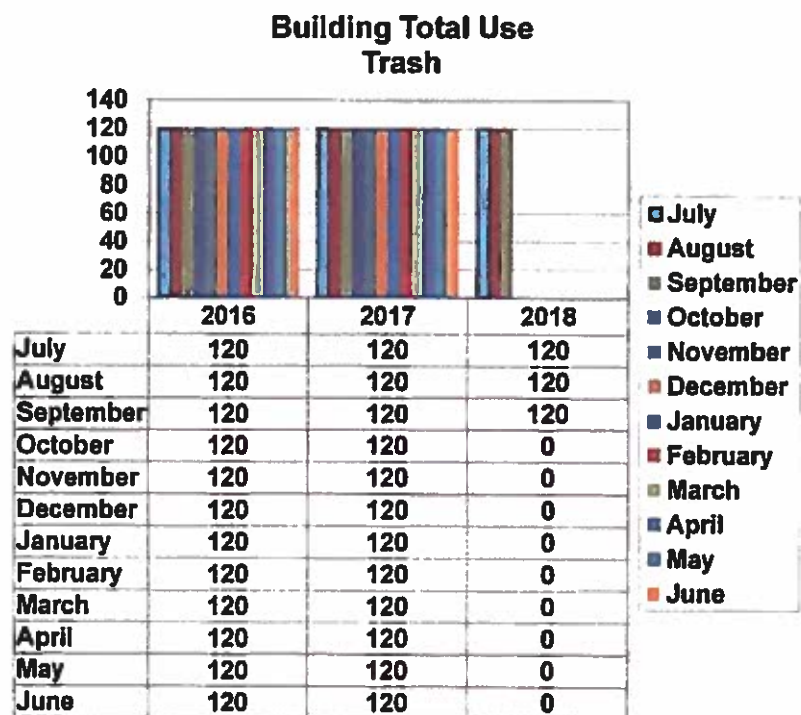


Total Sewer Decreased by \$229.92
 Total Sewer Use Decreased by 36 KGAL
 Cost per KGAL in 2016 - \$9.53
 Cost per KGAL in 2017 - \$9.65

Cost Year	Total
2016	19536.96
2017	19888.68
2018	5122.14
Grand Total	44547.78

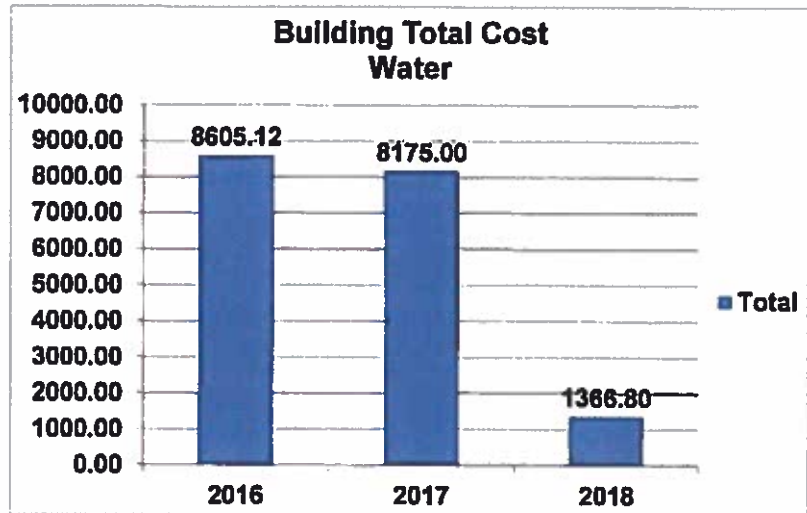


Use Year	Grand Total
2016	1440.00
2017	1440.00
2018	360.00
Grand Total	3240.00

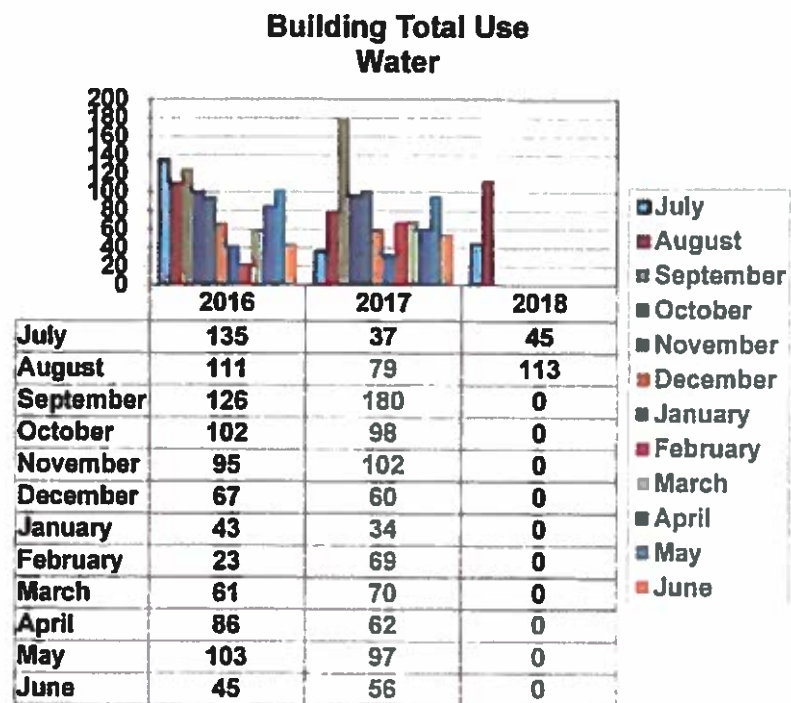


Total Trash Cost increased by \$351.72
Total Trash Use Stayed the Same
Cost Per Cubic Yards in 2016 - \$13.57
Cost Per Cubic Yards in 2017 - \$13.81

Cost Year	Total
2016	8605.12
2017	8175.00
2018	1366.80
Grand Total	18146.92



Use Year	Grand Total
2016	997.00
2017	944.00
2018	158.00
Grand Total	2099.00



Total Water Cost Decreased by \$430.12
 Total Water Use Decreased by 53 KGAL
 Cost Per KGAL in 2016 - \$8.63
 Cost Per KGAL in 2017 - \$8.66

Month	Year Data					
	2017		2016		2015	
	HDD	CDD	HDD	CDD	HDD	CDD
Jan	712	0	996	0	977	0
Feb	496	3	758	0	1056	0
Mar	549	3	358	9	554	0
Apr	146	63	252	31	209	22
May	112	88	161	69	44	175
Jun	8	178	3	240	9	271
Jul	0	297	0	342	0	319
Aug	4	204	0	371	2	239
Sep	52	95	15	219	37	141
Oct	9	21	130	57	244	5
Nov	0	0	441	16	380	12
Dec	0	0	784	0	442	1
Grand Total	2088	952	3898	1354	3954	1185

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.

