FLOYD COUNTY BOARD OF EDUCATION
Danny Adkins, Superintendent
106 North Front Avenue
Prestonsburg, Kentucky 41653
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www.floyd.kyschools.us

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 Adams Middle School.

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

Fiscal Budgetary Impact:
2016/2017 SY (July 16-June 17) $99,594.62
2017/2018 SY (July 17-June 18) $102,759.45

History / Background
August 2018
Board received utility report for Stumbo Elementary.

Staff Recommendation: To accept report as presented.

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

Gregory Adams
Director

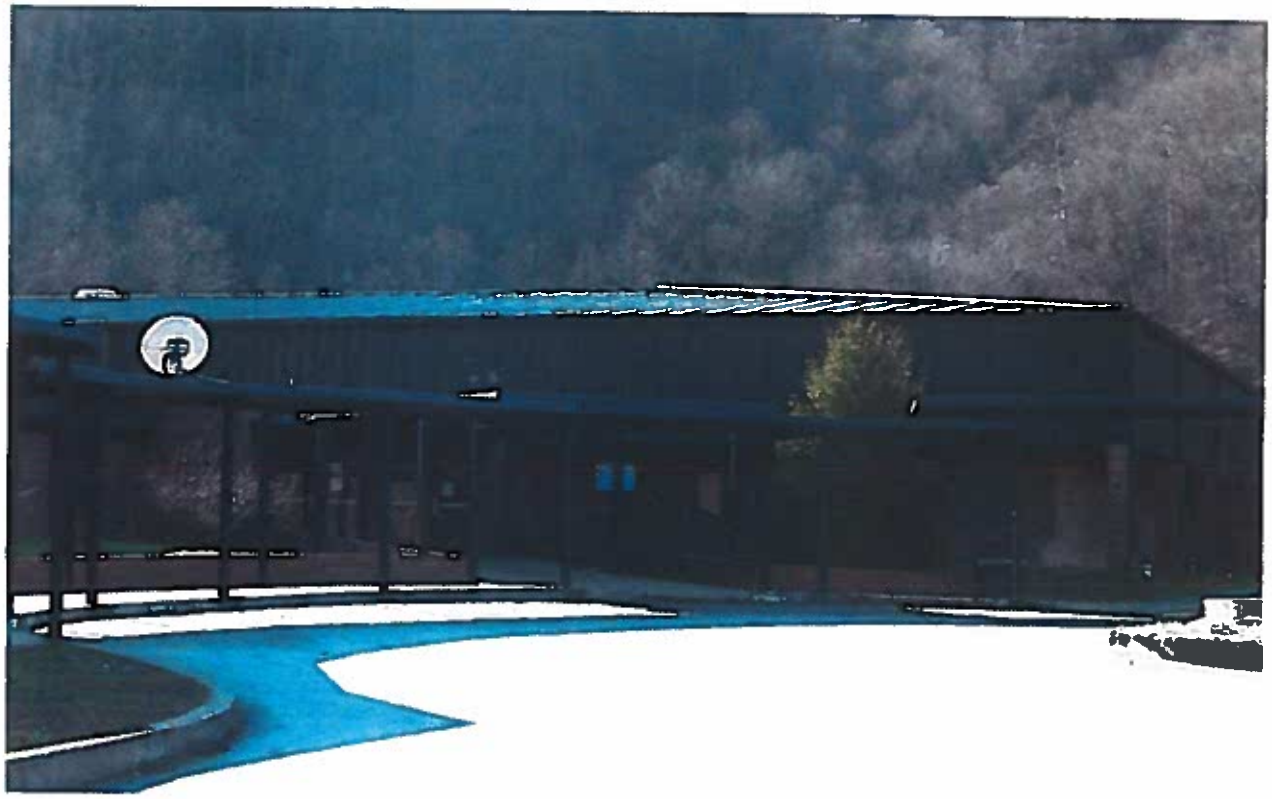
Danny Adkins Jr.
Superintendent

DATE: September 24, 2018

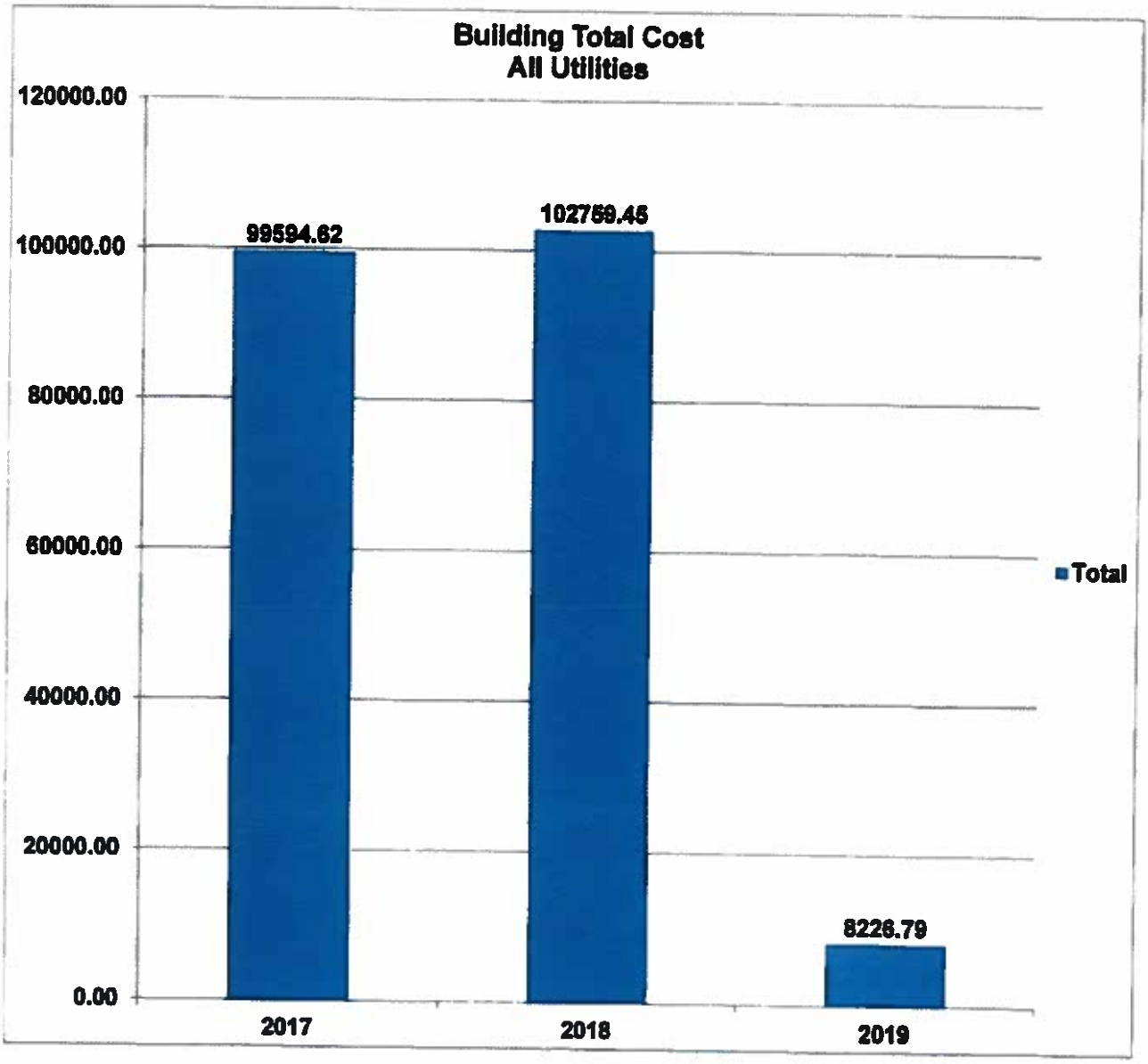
The Floyd County Board of Education does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or disability in employment, educational programs, or activities as set forth in Title IX & VI, and in Section 504.

Utility Report
September 24, 2018

Adams Middle School
2016-2017 / 2017-2018
School Years

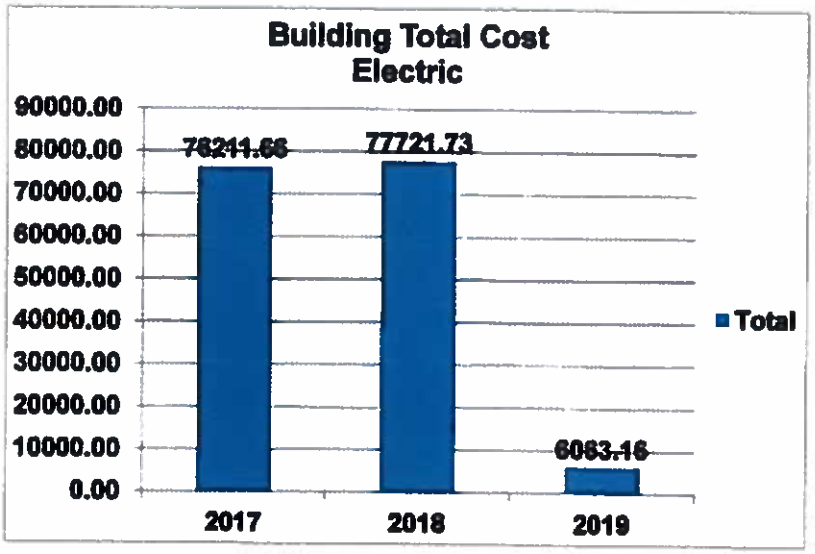


Cost Year	Total
2017	99594.62
2018	102759.45
2019	8226.79
Grand Total	210580.86

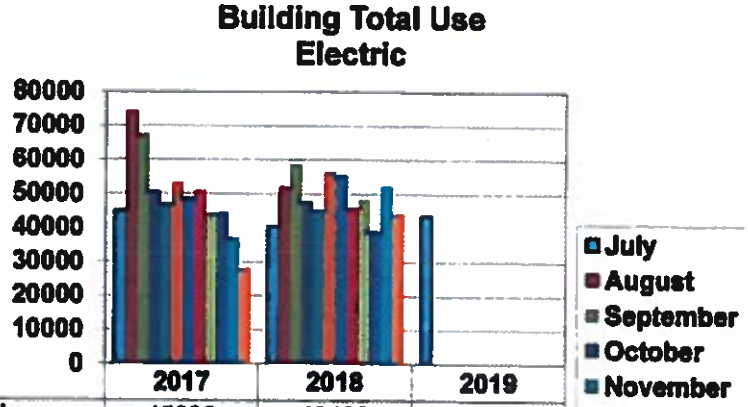


Total Cost for All Utilities Increased by $3,164.83

Cost	
Year	Total
2017	76211.66
2018	77721.73
2019	6063.16
Grand Total	159996.55



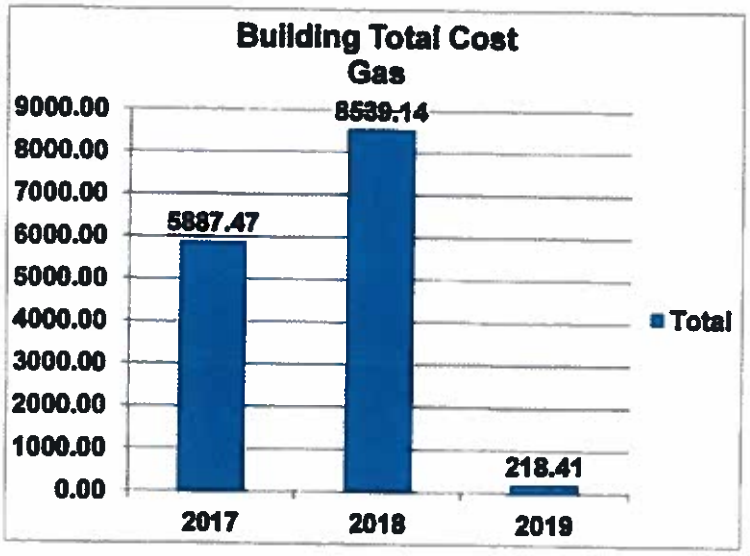
Use	
Year	Grand Total
2017	591319.00
2018	586462.00
2019	43619.00
Grand Total	1221400.00



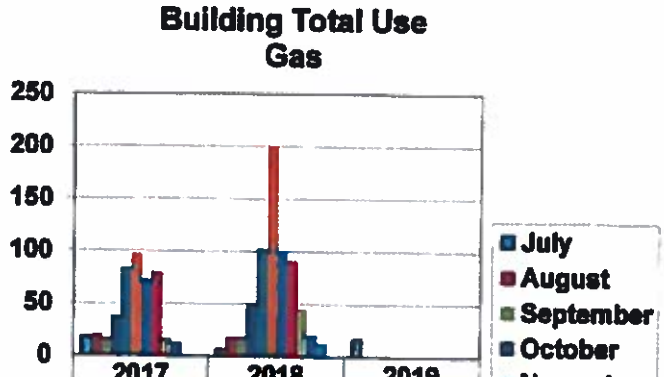
	2017	2018	2019
July	45092	40408	43619
August	74229	51986	0
September	67585	58928	0
October	50733	47694	0
November	47279	45436	0
December	53048	56433	0
January	48808	55410	0
February	50661	45824	0
March	44244	48463	0
April	44509	39280	0
May	37131	52374	0
June	28000	44226	0

Total Electric Cost Increased by $1,510.07
Total Electric Use Decreased by 4,857 KWH
Cost Per KWH in 2017 - $.1288
Cost Per KWH in 2018 - $.1325

Cost	
Year	Total
2017	5887.47
2018	8539.14
2019	218.41
Grand Total	14645.02



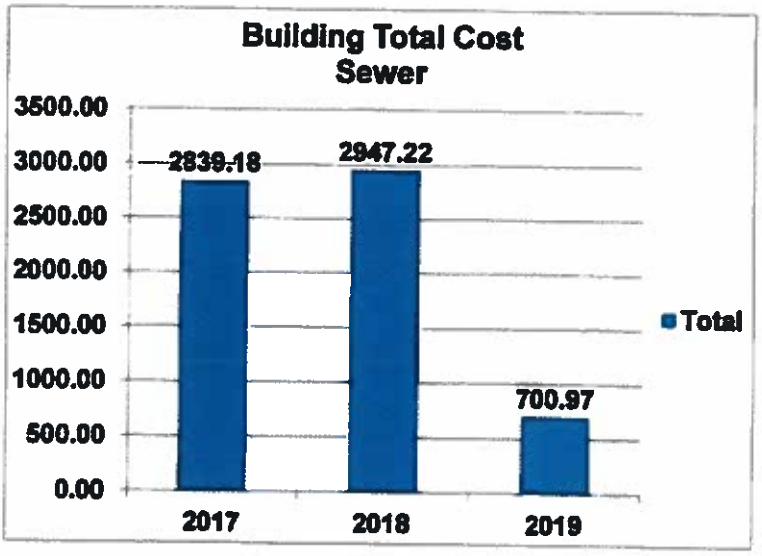
Use	
Year	Grand Total
2017	459.00
2018	665.00
2019	17.00
Grand Total	1141.00



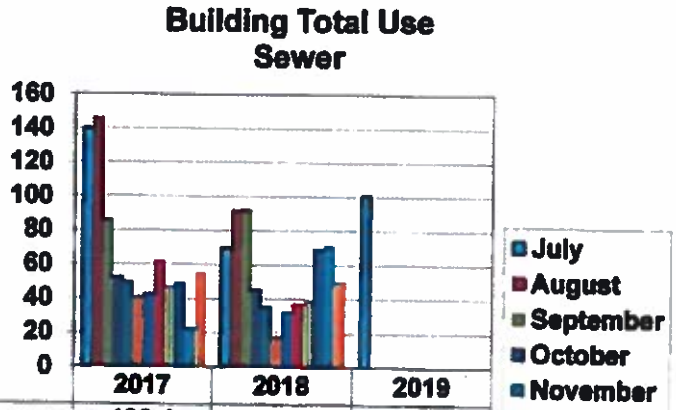
	2017	2018	2019
July	18	7	17
August	20	18	0
September	17	19	0
October	38	50	0
November	84	102	0
December	97	200	0
January	73	99	0
February	80	91	0
March	17	46	0
April	13	20	0
May	1	13	0
June	1	0	0

Total Gas Cost Increased by $2,651.67
Total Gas Use Increased by 206 MCF
Cost Per MCF in 2017 - $12.83
Cost Per MCF in 2018 - $12.84

Cost	
Year	Total
2017	2839.18
2018	2947.22
2019	700.97
Grand Total	6487.37



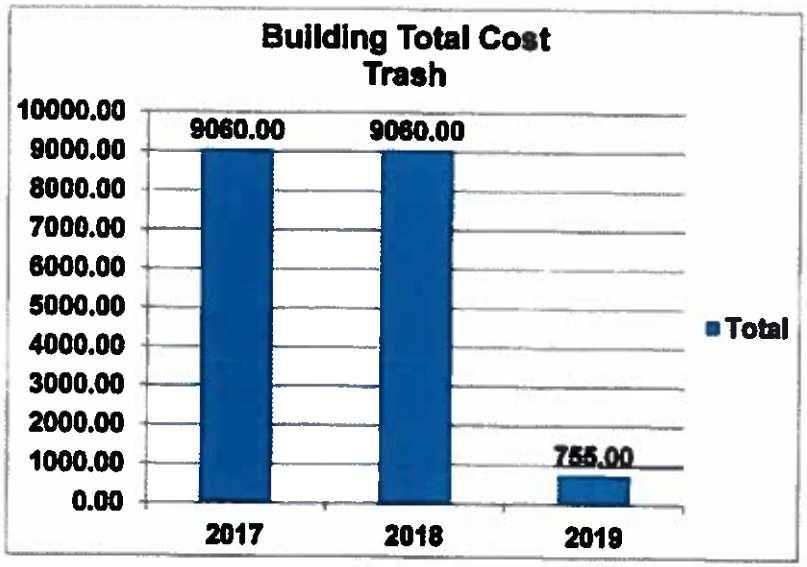
Use	
Year	Grand Total
2017	799.80
2018	658.50
2019	100.70
Grand Total	1559.00



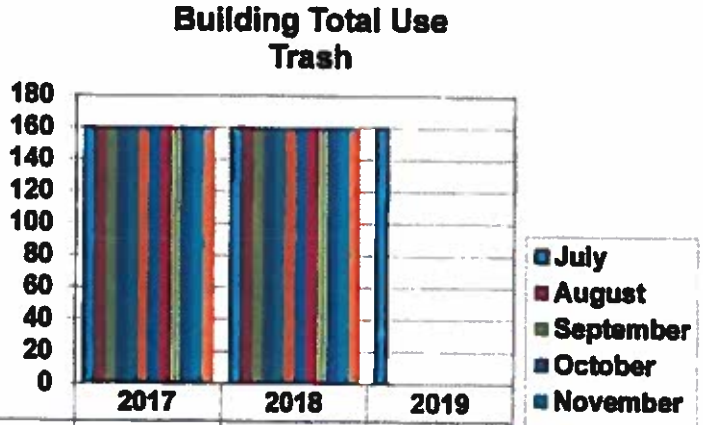
	2017	2018	2019
July	139.4	69.9	100.7
August	146.1	92	0
September	87	92.5	0
October	53.1	45.8	0
November	50.4	36.3	0
December	41.6	18.7	0
January	43.5	33.2	0
February	62.3	37.7	0
March	47.9	40.3	0
April	49.5	69.7	0
May	23.4	71.7	0
June	55.6	50.7	0

Total Sewer Cost Increased by $108.04
Total Sewer Use Decreased by 141.30 KGAL
Cost Per KGAL in 2017 - $3.55
Cost Per KGAL in 2018 - $4.48

Cost	
Year	Total
2017	9060.00
2018	9060.00
2019	755.00
Grand Total	18875.00



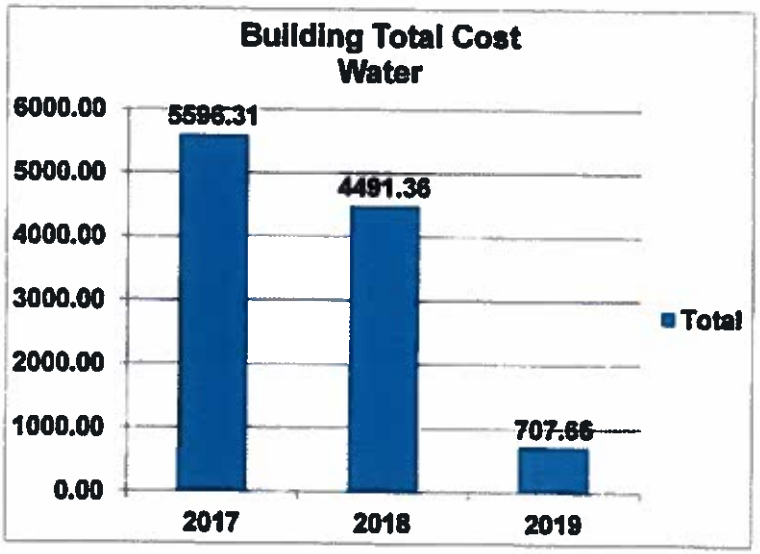
Use	
Year	Grand Total
2017	1920.00
2018	1920.00
2019	160.00
Grand Total	4000.00



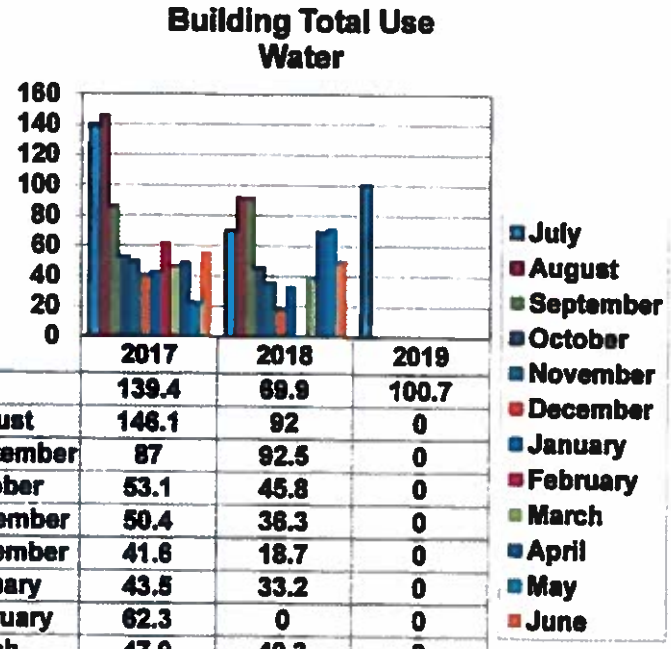
	2017	2018	2019
July	160	160	160
August	160	160	0
September	160	160	0
October	160	160	0
November	160	160	0
December	160	160	0
January	160	160	0
February	160	160	0
March	160	160	0
April	160	160	0
May	160	160	0
June	160	160	0

Total Trash Cost Stayed the Same
Total Trash Use Stayed the Same

Cost Year	Total
2017	5596.31
2018	4491.36
2019	707.66
Grand Total	10795.33

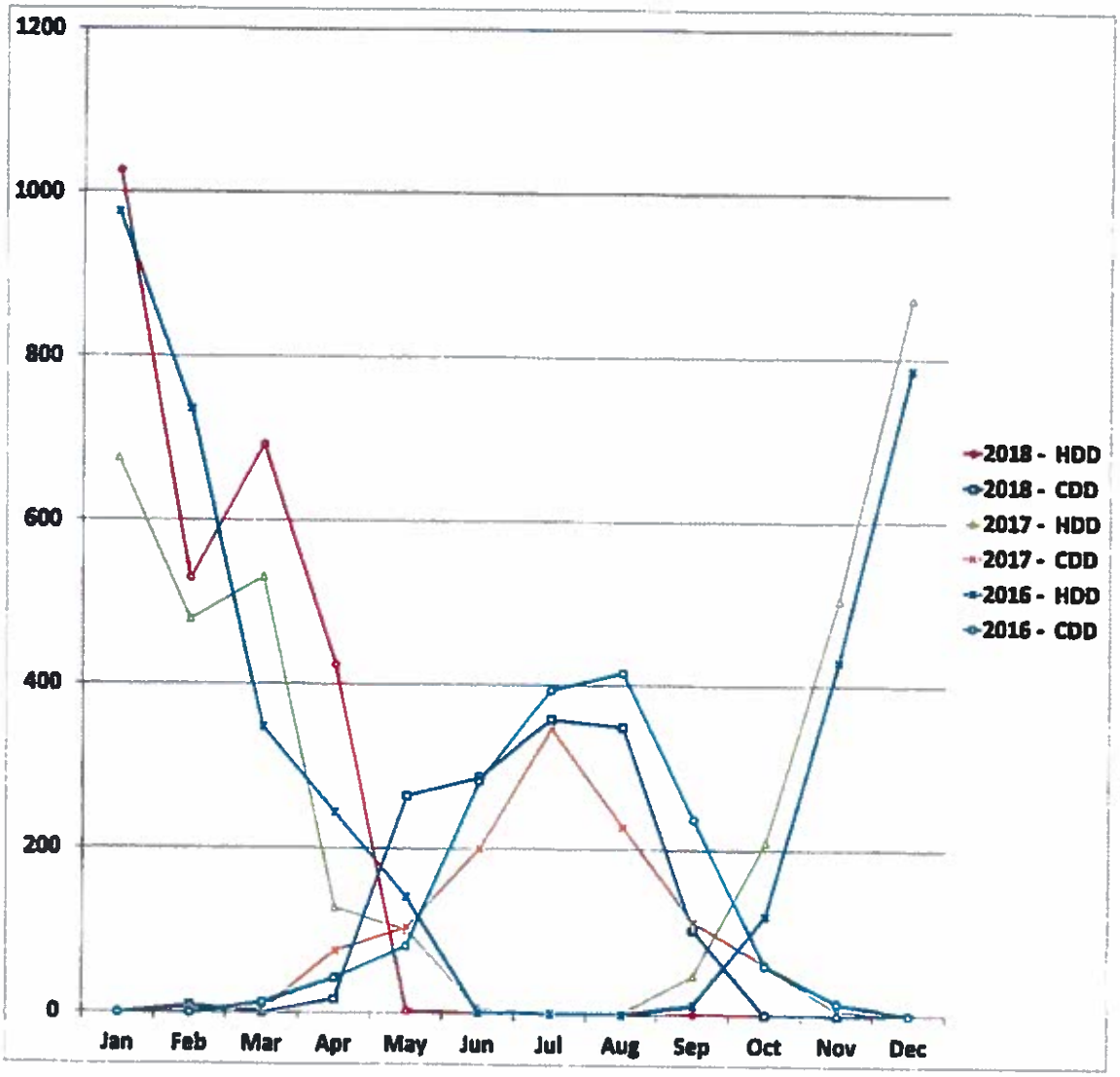


Use Year	Grand Total
2017	799.80
2018	620.80
2019	100.70
Grand Total	1521.30



	2017	2018	2019
July	139.4	69.9	100.7
August	146.1	92	0
September	87	92.5	0
October	53.1	45.8	0
November	50.4	36.3	0
December	41.6	18.7	0
January	43.5	33.2	0
February	62.3	0	0
March	47.9	40.3	0
April	49.5	69.7	0
May	23.4	71.7	0
June	55.6	50.7	0

Total Water Cost Decreased by $1,104.95
Total Water Use Decreased by 179 KGAL
Cost Per KGAL in 2017 - $7.00
Cost Per KGAL in 2018 - $7.23

	Year Data					
	2018		2017		2016	
Month	HDD	CDD	HDD	CDD	HDD	CDD
Jan	1026	0	676	0	976	0
Feb	529	8	479	5	736	0
Mar	692	1	531	3	348	13
Apr	424	17	128	75	244	43
May	2	264	102	104	142	82
Jun	0	287	6	200	1	282
Jul	0	358	0	346	0	394
Aug	0	349	1	227	0	415
Sep	0	103	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	2673	1387	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.