COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION)
INTO THE MEASURING,)
RECORDING, AND REPORTING OF) CASE NO. 2018-00394
WATER LOSS BY KENTUCKY'S)
JURISDICTIONAL WATER)
UTILITIES)

RESPONSE OF

WARREN COUNTY WATER DISTRICT

TO

COMMISSION'S REQUEST FOR INFORMATION

DATED DECEMBER 18, 2018

FILED: January 15, 2019

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In	the	M	atte	r o	f.
	1116			78 U	

ELECTRONIC INVESTIGATION)
INTO THE MEASURING,)
RECORDING, AND REPORTING OF) CASE NO. 2018-00394
WATER LOSS BY KENTUCKY'S)
JURISDICTIONAL WATER)
UTILITIES)

CERTIFICATION OF RESPONSE OF WARREN COUNTY WATER DISTRICT TO COMMISSION'S REQUEST FOR INFORMATION

This is to certify that I have supervised the preparation of Warren County Water District's Response to the Commission's Request for Information. The response submitted on behalf of Warren County Water District is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: 1/15/19 John M Wink

John M. Dix, General Manager Warren County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: John M. Dix

- Q-1. Explain in detail the manner in which you measure, calculate, and track water loss, and:
 - a. Identify whether you use any manual form (including Excel spreadsheet) or electronic or mechanized system to calculate and track water loss.
 - b. Provide a copy of any form used (including Excel spreadsheet).
 - c. Identify the source of any form or system used.
- A-1. Warren County Water District (WCWD) purchases water wholesale from its' supplier, Bowling Green Municipal Utilities (BGMU) and distributes the water into twenty-nine district metered areas (DMAs). Each DMA has a master meter that measures the volume of water supplied into the area. For each DMA, the following information is collected and reported monthly on the WCWD's Statistics by Metering Location Report:
 - Water Purchased
 - Water Sold
 - Total Water Lost
 - Own Use Water
 - Accounted for Water
 - Unaccounted for Water
 - PSC Water Loss Percentage

Total Water Lost is calculated as the difference between water purchased and water sold. Own Use Water is the sum of water used for flushing, fire protection, and tank maintenance. Accounted for Water is the sum of water lost and attributed to specific main line leaks, service line leaks, and tank overflows. Unaccounted for Water is calculated as follows: Total Water Lost less Own Use Water less Accounted for Water. PSC Water Loss Percentage is calculated as follows: (Total Water Lost less Own Use Water) divided by Water Purchased.

- Q-1 a. District's spreadsheets for tracking water loss calculation sheet in Excel.
- Q-1 b. See attached Exhibit 1
- Q-1 c. District created form and system.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: John M. Dix

- Q-2. Explain in detail your understanding of the information to be provided in each of the categories on the Water Statistics page (reference page 30) of the annual report required of jurisdictional water utilities, accessed through the Commission's website.
- A-2. Water Statistics (reference Page 30)
 - 1. This section includes all water produced and purchased.
 - 2. Total water produced.
 - 3. Total water purchased.
 - 4. Total amount of gallons produced and purchased.
 - 6. This section represents the Total of water sold to system customers.
 - 7. Total of water sold to Residential Customers only.
 - 8. Total of water sold to Commercial Customers only.
 - 9. Total of water sold to Industrial Customers only.
 - 10. Total water sold through a Bulk Loading Station.
 - 11. Total of water resold.
 - 12. Other water sold not included in lines 7-11.
 - 13. Total of all Water Sold.
 - 15. The section represents all Other Water that is Used.
 - 16. Water used for water treatment purposes.
 - 17. Water used for wastewater treatment plant purposes.
 - 18. Estimated water used for flushing.
 - 19. Estimated water used for Fire Department usage.
 - 20. Estimated water used for meter testing, weather related events, and other system issues.
 - 21. Total of water used for Other Usages is totaled here.
 - 23. Water Loss.
 - 24. Estimated water lost due to tank overflows.
 - 25. Estimated water loss due to line breaks.
 - 26. Estimated water loss due to line leaks.
 - 27. Other estimated water loss not included on Line 24 through Line 26.
 - 28. Total estimated water loss.
 - 32. Water Loss Percentage.
 - 33. Total Water Loss Percentage as a percentage of Total Water Produced or Purchased.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: John M. Dix

- Q-3. State any questions you have regarding how to use the updated Commission Form described and attached as Appendix A to this Order.
- A-3. The District does not have any questions.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: John M. Dix

- Q-4. State any suggestions or improvements you have for the updated Commission Form described and attached as Appendix A to this Order.
- A-4. Warren County Water District suggests that water loss from Excavation Damages (line 26 on Appendix A) resulting from no fault of the utility be allowed to be accounted for in Other Water Used.

The District also suggests that water loss from Theft (line 27 on Appendix A) be allowed to be accounted for in Other Water Used. Water lost through theft is similar water sold but not paid for.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: John M. Dix

- Q-5. State any questions you have regarding how the information in the updated Commission Form described and attached as Appendix A to this Order is to be incorporated into annual reports.
- A-5. The District does not have any questions.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: John M. Dix

- Q-6. State any concerns you have regarding the use of the updated Commission Form described and attached as Appendix A to this Order.
- A-6. Warren County Water District understands the desire and need of the Commission to establish standards for reporting water loss from all jurisdictional utilities. The District further acknowledges that water loss is one of *many* evaluation tools that should be used to evaluate the operational efficiency of a utility. There are many facets to water loss beyond leaks that contribute to water loss such as customer and purchase meter accuracy, billing system accuracy, and inherent system losses due to geographical and topographical configuration as noted by the American Water Works Association (AWWA) in its Water Audit Software. The 15% water loss guideline for rate making was arbitrarily established decades ago. Similar to what was established with meter testing through KRS 278.210 Subsection (4), water loss should be evaluated based on what is most cost effective for the utility and its customers in lieu of a fixed 15%. The AWWA Water Audit Software is the closest tool that provides those considerations.

Furthermore, the District contends that the Commission is inappropriately extrapolating the use of the "15%" water loss baseline to a position where it cites utilities for deficiencies such as "Utility is failing to operate its facilities so as to provide adequate and safe service to its customers as required by 807 KAR 5:066, Section 7, due to water loss exceeding 15 percent." (i.e., Simpson County Water District – July 3, 2017 and Butler County Water System, Inc. – March 9, 2018). The District contends that this is clearly not the intent of regulations. Section 6 of 807 KAR 5:066 clearly addresses how water loss is to be utilized by the Commission. Paragraph (3) of this section states "...for rate making purposes a utility's unaccounted-for water loss shall not exceed fifteen (15) percent of total water produced and purchased, excluding water used by a utility in its own operations." The regulations are very clear that water loss is to be considered for rate cases only.

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: John M. Dix

- Q-7. State whether you believe it is reasonable, proper, and appropriate for the Commission to require jurisdictional water utilities to maintain and use the updated Commission Form described and attached as Appendix A to this Order. Fully explain your answer
- A-7. Warren County Water District believes it is reasonable, proper, and appropriate for the Commission to establish standards for water loss reporting and require utilities to use and maintain the standard reporting method. The District has suggested modifications to the proposed methodology suggested by the Commission in its responses to Questions 4 and 6 herein.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Warren County Water District's electronic filing of this Response is a true and accurate copy of the same document being filed in paper medium; that the electronic filing was transmitted to the Public Service Commission on January 15, 2019; that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding; and that an original paper medium of this Response will be delivered to the Public Service Commission within two business days.

John M. Dix, General Manager

Warren County Water District

EXHIBIT 1

WARREN COUNTY WATER DISTRICT
Statistics By Metering Location
For Reporting Period Of: December 201 December 2017

Report Status: Date:

FINAL 3/24/2018

Master Meter Source	Billing	L	eak Detecti	on	Read	Dates	Water Purcha	ased (Gals)	Water S	old (Gals)	Total Lo	ost (Gals)	Own U	se (Gals)	Accounte	d For (Gals)	Unaccounte	d For (Gals)	Unaccou	unted %	PSC	%	MM
ode Descripton	Cycle	Date	Leaks(Mo)		From	To	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Source
1 BG North	2	11/04/13	N/A	N/A	10/20/17	11/20/17	1,453,000	20,088,000	1,273,450	14,426,750	179,550	5,661,250	-	5,670	-	100,800	179,550	5,554,780	12.4%	27.7%	12.4%	28.2%	BG North
2 Kelly Vance	2	02/15/17	N/A	N/A	10/18/17	11/20/17	20,724,000	273,361,000	19,130,830	252,604,270	1,593,170	20,756,730	1,305,100	1,988,976	201,600	9,559,440	86,470	9,208,314	0.4%	3.4%	1.4%	6.9%	KV
2A Porter Pike	2	03/31/17	N/A	N/A	10/20/17	11/21/17	7,640,000	87,120,000	5,585,620	68,638,740	2,054,380	18,481,260	6,000	270,422	2,740,320	9,061,920	(691,940)	9,148,918	-9.1%	10.5%	26.8%	20.9%	Porter Pil
3 Mizpah	2	02/10/17	N/A	N/A	10/23/17	11/21/17	14,980,000	173,198,000	13,595,010	148,987,500	1,384,990	24,210,500	-	333,370	108,480	3,937,440	1,276,510	19,939,690	8.5%	11.5%	9.2%	13.8%	Mizpah
5 Detour Road	2	07/17/17	N/A	N/A	10/23/17	11/22/17	5,557,000	75,204,320	3,808,970	49,522,970	1,748,030	25,681,350	53,200	763,909	767,520	16,253,820	927,310	8,663,621	16.7%	11.5%	30.5%	33.1%	Detour
6 Girken	2	04/14/15	N/A	N/A	10/24/17	11/25/17	2,036,000	24,324,000	1,822,010	21,646,290	213,990	2,677,710	-	354,049	43,200	771,600	170,790	1,552,061	8.4%	6.4%	10.5%	9.6%	Girken
7 Richardsville	4	12/01/17	N/A	N/A	10/24/17	11/27/17	3,886,100	43,014,080	3,270,090	35,273,730	616,010	7,740,350	5,000	906,736	-	2,851,045	611,010	3,982,569	15.7%	9.3%	15.7%	15.9%	Richard
7A Ben Leo	4	02/16/16	N/A	N/A	10/25/17	11/27/17	1,617,100	19,582,500	1,446,990	17,337,440	170,110	2,245,060	91,800	317,282	496,800	933,888	(418,490)	993,890	-25.9%	5.1%	4.8%	9.8%	Ben Leo
8 Sandhill	4	05/08/14	N/A	N/A	10/25/17	11/27/17	2,890,000	36,453,100	2,716,640	31,970,990	173,360	4,482,110	-	7,670		1,346,400	173,360	3,128,040	6.0%	8.6%	6.0%	12.3%	Sandhill
9 Smith's Grove	4	12/15/16	N/A	N/A	10/26/17	11/28/17	2,384,000	28,749,000	2,237,830	24,471,990	146,170	4,277,010	-	162,956	-	1,163,940	146,170	2,950,114	6.1%	10.3%	6.1%	14.3%	Smith Gr
9A Oakland	6	05/02/16	N/A	N/A	10/26/17	11/29/17	6,542,900	76,497,000	5,705,580	64,916,220	837,320	11,580,780		378,192	123,840	3,664,080	713,480	7,538,508	10.9%	9.9%	12.8%	14.6%	Oakland
10 Havs	6	05/27/15	N/A	N/A	10/27/17	11/30/17	5,652,100	65,431,000	4,839,260	57,187,990	812,840	8,243,010	7,460	271,914	180,000	2,707,920	625,380	5,263,176	11.1%	8.0%	14.2%	12.2%	Hays
11 Barren County	6	05/22/15	N/A	N/A	10/27/17	11/30/17	1,258,000	15,469,000	1,115,890	13,237,090	142,110	2,231,910	.,,,,,	113,286		884,340	142,110	1,234,284	11.3%	8.0%	11.3%	13.7%	Barren Co
11S Cemetery Road	A	08/07/09	N/A	N/A	10/28/17	12/01/17	7,687,000	84,809,413	4,004,810	52,246,150	3,682,190	32,563,263		738,243		604,560	3,682,190	31,220,460	47.9%	36.8%	47.9%	37.5%	Cemeter
11T Barrington Manor	l a	n/a	N/A	N/A	10/30/17	12/01/17	3,702,400	58,093,700	3,482,590	55,627,290	219,810	2,466,410		114,545		630,000	219,810	1,721,865	5.9%	3.0%	5.9%	4.0%	Barringtio
11U Drakes Creek	9	03/10/17	N/A	N/A	10/30/17	12/02/17	7,865,500	102,220,200	6,287,350	86,297,350	1,578,150	15,922,850	24,000	339,106	1,022,400	9,256,200	531,750	6,327,544	6.8%	6.2%	19.8%	15.2%	Drakes C
12 Bluegrass	l °	02/25/17	N/A	N/A	11/02/17	12/04/17	12,821,000	167,093,000	11,330,480	144,551,230	1,490,520	22,541,770	2,670	73,733	1,022,400	3,568,200	1,487,850	18,899,837	11.6%	44 3%	14 6%	13.4%	Blugrass
13 Plano	1 0	05/10/16	N/A	N/A	11/02/17	12/05/17	11,334,000	142,809,000	9,307,670	127,570,060	2,026,330	15,238,940	65,812	429,875	320,400	4,644,240	1,640,118	10,164,825	14.5%	7.1%	17.3%	10.4%	Plano
	10		N/A N/A	N/A	10/31/17	12/03/17	4,804,000	57,589,000	4.482.910	52,517,200	321,090	5,071,800	03,612	39,615	320,400	708,576	321,090	4,323,609	6.7%	7.5%	6.7%	8.7%	S Alvator
	10	04/28/06	N/A	N/A	11/03/17	12/04/17	3,442,000	40,642,000	3,170,360	38,454,660	271,640	2,187,340		39,013		839,520	271,640	1,347,820	7.9%	3.3%	7.9%	5.4%	Boyce
	10	04/28/15	N/A	N/A	11/03/17	12/06/17		16,727,000	1,141,690	16,493,770	80,310	233,230	1,000	73,787		639,320	79,310	159,443	6.5%	1.0%	6.5%	1.0%	Hwy 240
		04/18/12					1,222,000				503,800	13,260,800	27,800	2,718,644		3,450,360	476,000	7.091.796	2.0%	2.2%	2.0%	3.2%	Three Spi
17A Three Springs	12	03/01/09	N/A	N/A	11/06/17	12/07/17	23,990,000	326,557,000	23,486,200	313,296,200			27,800	210,397		6,475,920	3,408,800	30,073,983	8.4%	6.3%	8.4%		Nashville I
18 Nashville Road	12	03/08/17	N/A	N/A	11/08/17	12/09/17	40,414,000	479,342,000	37,005,200	442,581,700	3,408,800	36,760,300			43,200		593,320	8,266,469	9.1%	10.2%	9.8%	11.9%	Old 31W
19 Old Hwy 31W South	12	02/25/16	N/A	N/A	11/08/17	12/11/17	6,526,000	81,120,000	5,889,480	71,012,400	636,520	10,107,600	1 1	423,931	43,200	1,417,200 3,308,400	738,760	4,511,852	27.5%	12.1%	27.5%	21.0%	McElwain
19A McElwain	12	01/15/15	N/A	N/A	11/08/17	12/09/17	2,677,600	37,247,400	1,940,840	29,366,700	736,760	7,880,700	30.250	60,448	926,580		328,520	5,525,830	4.6%	6.6%	17.8%	11.1%	Grider Po
20 Grider Pond	12	05/17/16	N/A	N/A	11/08/17	12/12/17	7,068,000	84,131,000	5,782,650	74,747,240	1,285,350	9,383,760		57,110		3,800,820							
21 Highway 68 West	14	04/10/15	N/A	N/A	11/13/17	12/13/17	7,268,000	88,368,000	6,110,850	77,642,060	1,157,150	10,723,940	17,600	336,322	734,700	3,837,840	404,850	6,549,778	5.6% 8.5%	7.4%	15.7%	11.8%	Hwy 68W
22 Rockfield	14	02/19/16	N/A	N/A	11/14/17	12/13/17	3,533,000	49,161,600	3,210,310	41,625,650	322,690	7,535,950	21,300	30,418	-	3,756,960	301,390	3,748,572			8.5%		Rockfield
23 Fuqua Road	14	02/05/14	N/A	N/A	11/14/17	12/14/17	2,899,000	38,587,000	2,187,180	29,715,450	711,820	8,871,550	111,100	392,670	-	2,641,920	600,720	5,836,960	20.7%	15.1%	20.7%	22.0%	Fuqua
24 Highway 231 North	16	06/06/06	N/A	N/A	11/15/17	12/14/17	6,324,000	86,122,000	5,898,200	80,556,520	425,800	5,565,480		24,970	14,400	108,000	425,800	5,432,510	6.7% 31.3%	6.3%	6.7%	6.4%	Hwy 2311
24A Morgantown Road #1	16	01/12/16	N/A	N/A	11/15/17	12/15/17	3,271,000	41,376,000	2,233,840	30,023,760	1,037,160	11,352,240		39,050		1,005,480	1,022,760 996,820	10,307,710 7,694,723	33.2%	20.9%	31.7% 33.2%		Mtown #
25 Morgantown Road #2	16	02/25/05	N/A		11/16/17	12/15/17	3,006,000	36,796,000	2,009,180	27,821,500	996,820	8,974,500		250,740	-	1,029,037						23.7%	Mtown #
26 Hadley	16	08/10/12	N/A	N/A	11/16/17	12/16/17	2,041,000	26,798,700	1,709,810	20,132,440	331,190	6,666,260		249,945		1,638,722	331,190	4,777,593	16.2%	17.8%	16.2%	23.9%	Hadley
28 Beech Bend Road	16	07/20/06	N/A	N/A	11/17/17	12/19/17	352,100	6,374,800	314,370	5,908,810	37,730	465,990	1	43,800	-	0.050.460	37,730	422,190	10.7% 15.9%	6.6%	10.7%	6.6%	Beech B
29 Briggs Hill	16	12/29/11	N/A	N/A	11/16/17	12/18/17	4,581,000	54,482,000	3,851,110	47,256,440	729,890	7,225,560		125,400	-	2,252,160	729,890	4,848,000	15.9%	8.9%	15.9%	13.0%	Briggs Hi
				1																			
Totals				-			243,448,800	3,044,935,813	211,385,250	2,665,666,550	32,063,550	379,269,263	1,770,092	12,647,181	7,723,440	108,210,748	22,570,018	258,411,334					
% of Water Purchased			1				100.0%	100.0%	86.8%	87.5%	13.2%	12.5%	0.73%	0.42%	3.2%	3.6%	9.3%	8.5%	9.3%	8.5%	12.4%	12.0%	
	1					1 1															-		
			1			1 1																	
Breakdown by Section:			1																				
(1) Northside	2 - 6			-			76,620,200	938,491,000	66,548,170	800,221,970	10,072,030	138,269,030	1,468,560	5,874,432	4,661,760	53,236,633	3,941,710	79,157,965	5.1%	8.4%	11.2%	14.1%	N. Side
(,,			1				100%	100%	86.9%	85.3%	13.1%	14.7%	1.92%	0.63%	6.1%	5.7%	5.1%	8.4%					
(2) Westside	8 - 16						166,828,600	2,106,444,813	144,837,080	1,865,444,580	21,991,520	241,000,233	301,532	6,772,749	3,061,680	54,974,115	18,628,308	179,253,369	11.2%	8.5%	13.0%	11.1%	W. Side
1-, 3000100							100%	100%	86.8%		13.2%	11.4%	0.18%	-	1.8%	2.6%	11.2%	-					
							100%	100%	86.8%	88.6%	13.2%	11,476	0.16%	0.32%	1.0%	2.0%	11.27	8.5%					
T-1-1-	40						049 449 000	2 044 025 042	244 205 250	2 665 666 550	22.062.550	270 260 262	4 770 003	12 647 194	7 722 440	100 210 710	22,570,018	250 444 224	9.3%	8.5%	12.4%	12.00/	Total
Totals	AJI		-	-			243.448.800	3.044.935.813	211,385,250	2,665,666,550	32,063,550	379,269,263	1,770,092	12,647,181	7,723,440	108,210,748	Name and Address of the Owner, where the	258,411,334	8.3%	6.5%	12.4%	12.0%	Total
							100%	100%	86.8%	87.5%	13.2%	12.5%	0.73%	0.42%	3.2%	3.6%	9.3%	8.5%					
	1									1													

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

Description	ENTER Master Meter Readings (SCADA):			San	47	Feb	-17	Mar	-17	Apr	-17	May	-17	Jun	17	Jul	ir
Control Cont			Dec-16	Farcer		1	Usage	Design								-	Usage
2 Mill Marse Color Plants Transparred 1000 202718 43,95,000 102,950,000 1			materia			100				1,0007						The same	
Control Flack Tanglawood 1000 225.42 10 10 10 10 10 10 10 1	*					1007										_	
Column																	
Pens Springs -100 58477 18,211.00 18,224.000 19		1000		Committee	W-1												
Perm Surviya 1000 1891					E. 18			1100333		1111111							
FSTV 1000 1001 1000 1001 1000 10					(5,917,000)	-								of a second		3800	
## BI Healt 28 BENULY 17				100		276				100						Charles .	
No.			-				4,000	-	1,000		6,000		4,000		13,000	THE REAL PROPERTY.	29,000
Appen Processor Processor Paragraphy				1017118	24 602 000	1042000	30.074.000	1072254	20 264 000	1100278	27 924 000	1120706	29 518 000	1150188	20 392 000	1105018	35 830 000
A																	
Second Content 1000			9401002	August Statement		1000000		800000		000t01E		OPE TOTAL		570700		100000	4
Oxford 1 -1000			5481632	40000				AMATSA		1981577		4000		1		100000	35,190,000
Oxford 2						30				554170				927571		261.00	(13,598,000)
Pum Springs				- 1			Townson Theory	_	A Company of the Company		(3,454,000)	20047	(3,522,000)	Total State of the last of the	(3,703,000)		(4,620,000)
FSTV 1-00 109511				= 0	Action			TENE		(001)		1000		200		200	(766,000)
FSTP 1000 2200		-1000				- 10	(4,000)	198510	(1.000)	(0000y	(7,000)	1985	(3,000)	2000	(13,000)	1000	(29,000)
Comparison Com	FSTP	1000		3000		3000		2020		200	100	and the	-	890			-
Richardswille - 1000	5 Detour Road \ Tanglewood	1000	2283910	2200001	9,681,000	200019	11,928,000	100	9,433,000	100000	10,355,000	10000	10,496,000		10,020,000	1359100	12,375,000
Sared His South 100 141824 1378000 151827 111824 141824 1478000 151827 111824 141824 1478000 151827 111824 141824 1478000 151827 111824 141824 1478000 151827 111828 100 151827 151828 1	Richardsville	-1000		1422/03	(4,974,000)		(5,648,000)	1996	(4,158,000)	-	(4,971,000)	1443364	(4,729,000)	SAAMS.	(000,000,0)	MESONEY	(5,540,000)
Packbardswile	6 Girken	1000	1154368	(45000)	4,733,000	10000	5,763,000	4000	4,426,000	2000	4,449,000	13.00000	4,355,000	TTTME	5,312,000	71,09667	5,681,000
Ben Leo	Sand Hill South	-1000	600004	GOUTUS	(3,097,000)	000	(3,805,000)	100	(2.623,000)	0.0000	(2,790,000)	815006		"BARRAY			(3,565,000)
Lack Simmons Road	7 Richardsville	1000	1419424	HEARTS	4,799,000	100		19		200.43		111900					6,070,000
Anna	Ben Leo	-100	3183707	100070	(1,367,100)	.00600	(1,848,000)		(1,500,500)	106016	(4,623,800)	20000	(1,249,100)	amana	(4.571,000)	Dispersi	(2,038,400)
Mt Zon Road Mt Zo	Jack Simmons Road			:570		25778		267		80.00		100		200		101/4	-
7A Ban Leo 100 100 100 100 100 100 100 100 100 10	Anna			THE	(37,500)	WHEE	-	100.0		1,000	(1.500)	ARRE	-	1000	(2,500)	1000	-
M Zion Road Sandhill South 1000 60022 0111 3,558,000 1000 3272 3,55,000 1000 3,775,000 1000 3,775,000 1000 3,775,000 1000 3,775,000 1000 9, 2648,000 1000 9, 2648,000 1000 9, 2648,000 1000 1000 1000 1000 1000 1000 1000	Mt Zion Road	-1000		49		41		- 15	-	-51		- 0		1.0		41	-
8 Sandhill South Jack Simmons Road -100 -100 -100 -100 -100 -100 -100 -10	7A Ben Leo			CARROLL	1,434,400	BEARING	1,780,700	1000	1,500,500	366770	1,623,800	Vine N	1,249,100	2000	1,571,000	-	2,038,400
Jack Simmons Road -100		1000	41	41		-6.		8		- 11		- 13		- 1		100	
Anna 100 57305 740 37,800 140 - 100 151509 141 2,846,000 140 1,992,000 141 2,041,000 12,299,000 12,144,00 12,209,000 12,144,00 12,209,000 12,144,00 12,209,000 12,144,00 12,209,000 12,144,00 12,209,000 12,144,00 12,209,000 141,175,000				100700	3,558,000	100000	3,212,000	000000	2,734,000	0.00	2,969,000	1300	2,667,000	200		MICH	3,775,000
9 Smiths Grove 1000 531509 44 2,846,000 11,992,000 2,041,000 2,209,000 2,144,000 10,100 3,171,000 3,171,000 11,175,000 11				5		, all the		-		200	-	ALL		18.0		2014	-
Samus 1000 905786 12 10,983,000						27000		TWELT				4000	0.444.000	01525			0.474.000
Oakland 2 1000 184682 180301 3,649,000 3,667,000 3,667,000 3,770,000 4,824,00 Hays -1000 1272816 17111 (6,008,000) 151 (6,786,000) 1071 (5,790,000) (5,870,000) (5,870,000) (5,870,000) (6,833,000) (8,159,00 Smiths Grove -1000 1339 400 -111 -101 -200 300 800 7,000 -2,475,000 101 -101 -200 -101 -200 -101 -200 -101 -200 -101 -200						//06257						200		-			
Hays -1000 1272816 17mm (6.08.000) 1 1 1 1,879.000 1 1 1,879.000 1 1 1,879.000						777021						2000		200		-	
Smiths Grove -1000 531785 417 (2.742,000) 11,879,000 12,179,000 12,179,000 12,179,000 12,179,000 12,179,000 10 1398 17, 400 -1111 - 300 1800 7,000 5,792,000 10 10 1,993,000 12,181,000 12,														1000			
Three Forks 100 1398 1 700 6,283,000 6,321,000 1 6,090,000 5,792,000 1 700 5,792,000 1 700 5,792,000 6,319												0.000	A Section of the sect	200	A STATE OF THE PARTY OF THE PAR	COM AT	, ,
10 Havs 100 1272816 1700 6,283,000 6,321,000 1 6,090,000 5,792,000 5,792,000 5,790,000 6,319,000				A A CO		-	11/6/2/000)	1400	(2,113/11/12)	100		1410				100	(0,101,000)
Barren County -1000 321286 411 (1,205,000) (1,183,000) (1,189,000) (1,183,000)				A PROPERTY.		100	6 321 000	-04-0	6 090 000			nicototo		-		750777	8 206 000
Hwy 1297MM 100 25976 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						_						_					
Three Forks -100 1398 (400) -118 arren County 1000 321302 17 1,169,000 11,183,000 1,183,000 1,229,000 1,154,000 1,154,000 1,165,000 1,162,000 1,162,000 1,639,000 1,639,000 1,060,000 1,	*				Viteration				(11 (20)(20)	_		CALLED	Change		Lincolvidor		(1,000,000)
11 Barren County \ Classgow 1000 321302 47 1,169,000 1,183,000 1,183,000 1,129,000 1,154,000 1,100 1,100,000 1,1162,000 1,162,000 1,163,				1000	24000			1400				1417	(1.100)	1401	(7.000)	1986	_
Barren County Glasgow 1000 1001 1002			321302	79471		-	1.183.000	COAME	1.229.000		1.154.000	727000		707175			1,639,000
X Cemetery Road @BGMU WTP 10000 5170956 5300600 1,297,400,000 5447807 1,471,110,000 5584446 1,366,390,000 571387 1,291,410,000 5082103 1,485,160,000 6011215 1,491,120,000 6119106 1,778,910,000		1000	70501	10000	1,100,000		1,100,000		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		., 10 1,000	13981	-	1000	-	-	-
X Cemetary Road 24" -1000 4965414 4978456 130,420,000 4993204 (147,480,000) 506689 (134,850,000) 501855 (127,160,000) 503876 (144,710,000) 5048385 (145,090,000) 5065617 (172,320,000) X Cemetary Road 6" 1000 18548 1051 25,000 1857 26,000 18624 27,000 18655 31,000 18877 222,000 1890 24,000 1890 32,000 1890 127,160,000 1890 144,710,000 1890 145,090,000 172,320,000 1890 172,320,000			5170956	5300698	1,297,400,000	5447807	1,471,110,000	5584446	1,366,390,000	5713587	1,291,410,000	5662103	1,485,160,000	6011215	1,491,120,000	6189106	1,778,910,000
X Cemetary Road 6* 1000 18546 18571 25,000 18597 26,000 18624 27,000 18655 31,000 18877 222,000 1891 24,000 18933 32,00 118 Cemetary Road 24" 10000 1804 1704 130,420,000 14147,480,000																	(172,320,000)
118 Cemetery Road 24" 10000 134,850,000 134,850,000 127,160,000 144,710,000 144,710,000 145,000 172,320,000 172,32		10000															32,000
			HISTORY	40/7MASE		1007300		Open		E05/040		EDUSTO	144,710,000	E04E005		THE R. P. LEWIS CO., LANSING	172,320,000
Cemetery Road 6* -1000 18546 (25,000) (26,000) (27,000) (31,000) (222,000) (222,000) (24,000)	Cemetery Road 6"	-1000	18546	18671	(25,000)	11000	(26,000)		(27,000)	1000	(31,000)	20021	(222,000)	3,000,00	(24,000)	2000	(32,000)
	Three Springs (Prev Greenwood #2)	-1000	9400292	SHYTYNO	(77,498,000)	9500000	(88,578,000)	MARKS.	(84,588,000)	(2007)	(79,615,000)	3819951		Manualti		\$100 p. 100	(105,420,000)
	Greenwood Road #1 @ PS	-1000	6177237	1000		8,000		-		50000		Astronom		1000		Laure 1	(39,697,000)
Drakes Creek -1000 (13,453,000) (15,198,000) (13,972,000) (13,399,000) (16,021,000) (16,630,000) (21,327,000)	Drakes Creek	-1000	2200	200	(13,453,000)	The Paris	(15,198,000)		(13,972,000)		(13,399,000)	127,004	(16,021,000)	1,700,74	(16,630,000)	10000	(21,327,000)

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT

1/8/2019 at 11:37 AM

															1/8/2019 at 11:	37 AM
Lovers Ln X 1000 (6")	1000	2360	2360		180		2100		100		2/85	41,000	260	1,000	260	-
Lovers Ln X 100 (2" is off)	100	129397	129397		1,99397		1,090,007		AME		110.007		ATTEMAT		300	-
11T Barrington Manor	1000	665006	867830	2,824,000	& 70 mad	2,868,000	1074151	2,655,000	\$19807	2,654,000	670753	3,746,000	494037	4,484,000	100	6,033,000
Drakesboro	100	118771	118839	6,800	116204	42,500	119999		110607	36,800	180010	127,800	APPROXICE.	178,300	320	110,200
11U Drakes Creek	1000	2235186	2348827	13,641,000	Mousell	14,729,000	1511EU	13,972,000	2252004	15,126,000	41001941	14,294,000	1000000	16,630,000	1	24,499,000
Barrington Manor	-1000	665093	867830	(2.737,000)	670692	(2,868,000)	8733EA	(2,655,000)	ETHERN	(3,042,000)	000750	(3,358,000)	884727	(4,484,000)	1990	(6,975,000)
Drakesboro	-100	118771	118839	(6,800)	110000	(85,900)	2150004	43,400	11790	(51,600)	1209.10	(113,000)	12(2000)	(178,300)	00001	(128,800)
North Alvaton	1000	720653	720662	9,000	730700	44,000	720715	89,000	(2500)	103,000	721100	267,000	721006	141,000	729909	122,000
South Alvaton	-1000	814129	818190	(4,061,000)	1002535	(4,345,000)	#2054g	(4,113,000)	221 (85	(4,537,000)	BUSANO	(4,265,000)	SHMIS	(4,395,000)	941937	(6,091,000)
12 Bluegrass \ Greenwood #1 at PS	1000	6179313	6213708	34,395,000	((2)5)173	31,405,000	0077991	32,818,000	1000076	28,604,000	1600 TRIGO	31,033,000	1070017	35,743,000	194115331	43,223,000
Grider Pond.	-1000	1271724	1278522	(6,798,000)	1284590	(6,069,000)	1000779	(6, 189,000)	(See)	(5.621,000)	1800400	(6,068,000)	E00002100	(6,802,000)	1376540	(7,970,000)
Plano	-1000	3856132	3889724	(13,592,000)	10000005	(13,329,000)	Joseph Ch.	(13,360,000)	2007	(11,396,000)	ang0501	(12,714,000)	157100m	(15,543,000)	MISATURE.	(18,930,000)
13 Plano	1000	3857492	3870127	12,635,000	MMB055	12,926,000	5598417	13,360,000	Service 1	12,169,000	a6000073	11,941,000	CONTRACTOR OF THE PERSON NAMED IN	17,367,000	2166610	17,626,000
North Alvaton	-1000	720654	720863	(9,000)	75070e	(43,000)	290010	(110,000)	Targetty.	[84,000)	7,01201	(301,000)	721457	(152,000)	751430	(79,000)
Boyce	-1000	870452	673641	(3, 189,000)	479,005	(2.748,000)	220750	(3,370,000)	842100	(3,031,000)	665619	(2,829,000)	DMMATT	(3,792,000)	ME3175	(3,764,000)
15 South Alvaton	1000	814129	818831	4,702,000	100677	3,846,000	225701	4,114,000	801346	4,558,000	630017	4,262,000	840233	4,622,000	845(N)B	5,433,000
16 Boyce	1000	670556	673737	3,181,000	676576	2,839,000	27/00%	3,283,000	Harris	3,021,000	1509024	2,944,000	440515	3,691,000	STREET	3,773,000
Goodrum Road to Simpson Co.	-100	12416	12416		10416		574.0		1180		10016		12410		13410	
Goodrum Road to Warren Co.	100	1103	1103		1967		2403		130		1100		3300		1501	-
17 Highway 240	1000	226939	228061	1,122,000	2000	1,004,000	Minute:	1,175,000	201239	1,096,000	233414	1,078,000	233885	1,481,000	235619	1,723,000
17A Three Springs (Prev Greenwood #2)	1000	9417039	9508564	89,525,000	058UB17	79,053,000	1008317	82,715,000	PARTIES.	90,761,000	GRADIES	81,234,000	079588500	92,093,000	FIRMANSO.	111,630,000
Nashville Road	-1000	2610664	2646174	[35,510,000]	-	(34,683,000)	2710740	(37,289,000)	278.000	(34,374,000)	groyned	(35,366,000)	2529506	(39,180,000)	25/2604	(46,738,000)
Highway 68W @ Pump Station	-1000	2750657	2766674	[16,017,000]	27000	(13.121,000)	2793740	(12,995,000)	200000	(15,145,000)	2621676	(13,140,000)	2010447	(14,372,000)	2002107	(16,740,000)
Parkway	1000	2680	2680	green and	2000	Proceedings.	Masky	114109 01404	200	Park Contract of	2540	(1-11-1-11-11	2000	T. OCCUPATION	7860	
Elrod Road	1000	55	55				55				86		100		NO.	
Richpond	-1000	249698	261249	(11,551,000)		(8,282,000)	200000	(9,251,000)	25000	(11,023,000)	330/81	(9.376,000)	DATE OF THE PARTY OF	(11,296,000)	betyeen	(13,277,000)
18 Nashville Road	1000	2613047	2847396	34,349,000	2001000	34,584,000	2000000	38,713,000	2750407	33,162,000	2750100	35,325,000	ALTERNATION A	40,703,000	MITHUST	46,874,000
Old Highway 31W South	-1000	2030519	2030550	(31,000)	2000	(12,000)	2000017	(15,000)	STORYCO	(128,000)	1000778	(8,000)	DOMESTICAL PROPERTY.	(69,000)	J0000115	(30,000)
	-1000		200000	491,0001	-	(12,000)	AC.	110,000)	68	1,50,000	- 35	(015000)	2000	(anima)	-	(00,000)
Elrod Road	1000	55 104168	104179	11,000	198 196	17,000	194799		15-to Pa	282,000	104473		11401		164479	
John Jones Rd	1000	2030518	2030550	32,000	THATOG	12,000	- 100000 60	17,000	Manager	126,000	1030713	8,000	200,007	69,000	2000	30,000
19 Old Highway 31W South	-1000	723702	728861	(5, 159,000)		(3,692,000)	2000 TE	(4.074.000)	7400.01	(3,554,000)	745705	(3,608,000)	CARTE	(4,302,000)	11500	(5,295,000)
Woodburn	1000	250000	261635	11,635,000	7/400	9,234,000	30000	10,826,000	200.000	9,433,000	100516	9,387,000	215173	11,658,000	700	13,427,000
Richpond	1000	723851	729026	5,175,000	-	3,645,000	20002	3,956,000	740000	3,554,000	2,600,00	3,754,000	Tannat	4,307,000	18008	5,339,000
19A Woodburn	-1000	227001	729020	[1.284.000]		(1,007,000)	200min	(1,154,000)	-	(1,055,000)	212641	(1,140,000)	7340710	(1,377,000)	Time	(1,902,000)
Highway 240	-1000	25657	25057	11.204.0001		(100010000)	20047	(Linear Speed)	7000	(1,000,000)	25007	(1,140,000)	25007	Theritage	1957	(1,002,000)
Springfield Road to Simpson Co. Springfield Road to Warren Co.	100	1929	40007				-				1000		1975		1075	
	-100		7004		-		-		5354	(151,600)	Dhar	(15,600)	March	(27,900)	11518	(120,300)
Starks Road to Simpson Co. Starks Road to Warren Co.	100	7924 68387	7949							33,600	and the	(10,000)	BARAN	fei anni	65500	(120,000)
20 Grider Pond	1000	1273099	1280342	7,243,000		5,498,000	280.77	6,452,000	200	5,715,000	1300106	6,188,000	1311108	7,513,000	1318679	7,171,000
21 Highway 68 West	1000	12/3038	1200342	7,243,000	-	3,430,000	-	0,402,000		3,7 13,000	100	0,100,000	0	7,515,500	100000	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Highway 68W @ Pump Station	1000	2753383	2768200	14,817,000	STREET,	13,414,000	2780770	14,502,000	3000076	12,760,000	DOME	13,666,000	MARKET	16,476,000	SHARE!	15,209,000
Rockfield	-1000	697985	782590	(4,604,000)	7897736	(4,146,000)	7111120	(4,394,000)	715770	(3.890,000)	119007	(4.042.000)	There	(4,591,000)	0.09	(4,114,000)
Fugua Road	-1000	679477	682380	(2.912.000)	800031	(2,942,000)	100/17/0	(2,844,000)	MMIT 97	(2,622,000)	200	(2,902,000)	0.01	(3,820,000)	atre	(3,715,000)
John Jones Rd	-1000	104168	104179	(11,000)	(044)0	(17,000)	194198	(Exertine)	10/4/78	(282,000)	704473	(A) DOLLOON	5885	Interested l	79973	(0,110,000)
22 Rockfield	1000	697985	702500	4,604,000	707133	4,544,000	7111725	3,996,000	715 (6)	4,033,000	FISALI	4,516,000	Tomas of the	4,125,000	1000	4,088,000
East Logan	-100	2244	2244	4,004,000	76.14	4,544,000	277.68	0,000,000	2040	4,000,000	2564	4,010,000	754	1,120,000	2000	1,000,000
	1000	679477	682493	3,016,000	68600	3,110,000	884975	2,669,000	07.1386	3,022,000	BMATHE	2,807,000	907950	3,555,000	761 300	3,713,000
23 Fuqua Road		3931824	-	22,366,000	THE PARTY NAMED IN	17,321,000	3300655	19,348,000		19,196,000	ARTERITY	17,022,000	4048753	21,656,000	437039E	21,522,000
24 Highway 231	1000	3931824 1643312	3954190	(14,583,000)	1068840	(10,951,000)	1000002	(11.966,000)	4010E0	(12,209,000)	17071500	(10,788,000)	1757777	(13,968,000)	1733177	(14,400,000)
Morgantown Road #1	-1000		1857895				1000072	11,966,000	16002071	12,209,000	17000074	11,303,000	1797444	13,453,000	1732117	14,400,000
24A Morgantown Road #1	1000	1643312	1867895	14,583,000	100044	10,951,000							2020922	(10,412,000)	2003700	(10,828,000)
Morgantown Road #2	-1000	1969294	1979964	(10,670,000)	1587843	(7,679,000)	1888407	(8,618,000)	2006000	(8,804,000)	(0110010	(8,245,000)	TOWN THE PARTY OF	(10,412,000)		(10,020,000)
Bill Dedmon Road	-1000	76390	76390	40.070.070	7Gano.	0.404.000	1998Men	0.000.000	PERMIT	0.004.000	70.70	0.045.000	TO STATE OF THE PARTY OF THE PA	40 442 000	76000	10 020 000
25 Morgantown Road #2	1000	1969294	1879964	10,670,000	1988150	8,194,000		8,303,000	JIMSZED	8,804,000	(01,1510	8,245,000	2000004	10,412,000	MONTAL	10,828,000
Briggs Hill	-1000	672930	677938	(5,008,000)	681673	(3,941,000)		(3,788,000)	AM9625	(3,958,000)	CONTRA	(3,649,000)	NGBUN S	(4,795,000)		(4,826,000)
Hadley	-1000	178915	181390	(2,474,000)	183150	(1,800,000)	100100	(1,965,000)	107190	(2.034,000)	4	(1,987,000)	10.00	(2.305,000)	-	(2,569,000)

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT 1/8/2019 at 11:37 AM

														1/8/2019 at 11:3	7 AM
Hadley Cohron 4*(Changed on 6/6/12)	1000	24715	34716	247	19	24715		2A745		21715		21715		33715	-
26 Hadley	1000	178916	183904	2,538,000	1,736,000	185219	2,029,000	197780	2,031,000	160157	1,907,000	101620	2,369,000	199100	2,596,000
Hadley Cohron 4"(Changed on 6/6/12)	-1000	24715	24715	247	15	24716		24775		39715		39719		MAY 10	-
Butler Co. Line	-100	353987	3555487	2520		353907		ISSENT.		333967		350mm7		35MW7	-
28 Beech Bend Road 2"	100	622378	SHIRAD	396,200	315,700	018506	303,900	0280004	376,800	H1998	369,400	645000	537,000	1699W	470,100
Beech Bend 6"	1000	13960	13961	1,000	91	(disease)	1,000	19867		13968	1,000	13000	5,000	7,0005	17,000
29 Briggs Hill	1000	673066	676251	5,185,000	3,749,000	086207	4,262,000	819734	3,472,000	250460	3,706,000	500 (22	4,680,000	103840	5,123,000
Bill Dedmon Road	-1000	76390	75000	763	-	7/1090		TABLES		76,000		78890		79390	-
Barren River Road	1000	134784	134603	19,000	18,000	TSAME	25,000	(246).	38,000	134011	27,000	134950	45,000	114911	36,000
TOTAL - Master Meter Readings				239,095,500 OK	231,823,000 OK		226,471,300 OK		225,964,300 OK		221,995,300 OK		249,378,100 OK		292,648,200 OK
ENTER - Reading Adjustments (Gals):															
1 BG North #1 @ BGMU WTP				Jan-17	Feb-17		<u>Mar-17</u>		Apr-17		<u>May-17</u>		<u>Jun-17</u>		Jul-17
2 Kelly Vance			-					-		-	700 000 =		F20 000 ··	-	
			_								720,000 Divi	ding valve leakin _	530,000 div	riding valve leakin	
X BG North #2 @ BGMU WTP 2A Porter Pike			_					-				_		_	
3 Firestone \ Mizpah			***	-				-	-	-	(720,000) Divi		(F30,000) #	-	
5 Detour Road			_		-			-		-		iding valve leakin _		riding valve leakin	
6 Girken								-		-	-	-		-	-
7 Richardsville			_					-		-		-		-	
7A Ben Leo			-					-	-	-		-		-	
8 Sandhill							-	-		-	-	-		-	
9 Smith's Grove			-					-		-		-		-	
9A Oakland			_					-		-		-		-	
10 Hays					-		-	-		-		-	-	-	
11 Barren County			-					-				-		-	
X Cemetery Road @ WTP			_		_							_			
11S Cemetery Road		Cem Rd N	// Drift	(2,383,000) Cem Rd MM Drift	(2,470,000)		 -			-	-	_			-
11T Barrington Manor				-	(=) 17 0 (===)			-				-	-	-	-
11U Drakes Creek			_				-	-		-	-	-	-	-	
12 Bluegrass			_	-	-		-	-	_	-	-	_		-	-
13 Plano				-			-			-	-	-		-	-
15 South Alvaton			_	-	-				-		4	-	-	-	
16 Boyce			_	_			-		-	-	-	-	-	-	-
17 Highway 240			_							-	-	-	-	-	-
17A Three Springs			_	-	-		-	-	(2,700,000)	-	-	-	-	-	-
18 Nashville Road			_	-			-	-	2,700,000			-	-	-	-
19 Old Highway 31W South			_	-	-		-		-		_	_		-	-
19A Woodburn				-							-	_	-	-	-
20 Grider Pond				-	-		-	-	-	-	-	-	-	-	-
21 Highway 68 West			_	-	-		-			-		-	-	-	
22 Rockfield			-	-	_		-		-			_	-	-	-
23 Fuqua Road				-	-		-	-	-	-		-	-	-	-
24 Highway 231 North			_		-			-	-		_	-	-	-	-
24A Morgantown Road #1			_	h .	-		-		-		-	_	-	-	-
25 Morgantown Road #2					-		-		-		-	-	-	-	-
26 Hadley			_		-		-	-		-	-	-	-	-	
28 Beech Bend Road				-	-		_	-			-	-	-	-	
29 Briggs Hill			_	-	-		-	-	-			-	-	-	-
			_									-		-	
TOTAL - Reading Adjustments				(2,383,000)	(2,470,000)								-		-

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

CALCULATION - Water Purchased (Gals):

CALCOLATION - Water Fulliased (Gala).	N. Side	<u>Jan-17</u> 1,447,000	Feb-17 2,131,000	Mar-17 1,363,000	Apr-17 1,868,000	May-17 1,627,000	<u>Jun-17</u> 1,578,000	<u>Jul-17</u> 1,813,000
1 BG North #1 @ BGMU WTP 2 Kelly Vance	N. Side	23,863,000	25,557,000	16,630,000				
X BG North #2 @ BGMU WTP	N. Side	417,000	524,000	487,000	20,590,000	20,777,000	20,657,000	26,636,000
2A Porter Pike	N. Side	6,146,000	7,959,000	6,511,000	486,000 6,314,000	511,000 6,719,000	506,000	640,000
3 Firestone \ Mizpah	N. Side	11,192,000	14,075,000	13,733,000	13,100,000	13,350,000	6,515,000	7,874,000
5 Detour Road	N. Side	4,707,000	6,280,000	5,275,000	5,484,000	5,767,000	5,217,000	6,835,000
6 Girken	N. Side	1,636,000	1,958,000	1,803,000	1,659,000	1,666,000	2,173,000	2,116,000
7 Richardsville	N. Side	3,394,100	3,600,000	2.813.500	3,510,600	2,893,900	3,379,500	4,031,600
7A Ben Leo	N. Side	1,434,400	1,780,700	1,500,500	1,623,800	1,249,100	1,571,000	2,038,400
8 Sandhill	N. Side	3,595,800	3,212,000	2,734,000	2,970,600	2,667,000	3,003,500	3,775,000
9 Smith's Grove	N. Side	2.846,000	1,992,000	2,041,000	2,209,000	2,144,000	2,402,000	3,171,000
9A Oakland	N. Side	5,862,400	5,679,000	6,248,000	5,919,300	5,730,800	6,144,000	7,608,000
10 Havs	N. Side	5,077,600	5,138,000	4,901,000	4,639,000	4,732,900	5,105,000	6,567,000
11 Barren County	N. Side	1,169,000	1,183,000	1,229,000	1,154,000	1,060,000	1,162,000	1,639,000
X Cemetery Road @ BGMU	W. Side	1,167,005,000	1,323,656,000	1,231,567,000	1,164,281,000	1,340,672,000	1,346,054,000	1,606,622,000
11S Cemetery Road	W. Side	5,868,000	6,669,000	6,247,000	5,471,000	5,748,000	5,153,000	5,844,000
11T Barrington Manor	W. Side	2,830,800	2,910,500	2,000,000	2,080,800	3,073,000	4,002,300	0, 143,200
11U Drakes Creek	W. Side	6,845,200	7,474,100	7,336,400	7,598,400	6,825,000	7,712,700	11,426,200
12 Bluegrass	W. Side	14,005,000	12,008,000	13,269,000	11,587,000	12,251,000	13,398,000	16,323,000
13 Plano	W. Side	9,437,000	10,135,000	9,880,000	9,054,000	8,811,000	13,423,000	13,783.000
15 South Alvaton	W. Side	4,702,000	3,846,000	4,114,000	4,558,000	4,262,000	4,622,000	5,433,000
16 Boyce	W. Side	3,181,000	2,839,000	3,283,000	3,021,000	2,944,000	3,691,000	3,773,000
17 Highway 240	W. Side	1,122,000	1,004,000	1,175,000	1,096,000	1,078,000	1,481,000 27,245,000	1,723,000 34,875,000
17A Three Springs	W. Side	26,447,000	21,967,000	23,180,000	27,519,000	23,352,000 35,317,000	40,634,000	46,844,000
18 Nashville Road	W. Side	34,329,000	34,589,000	38,698,000	36,016,000		7,425,000	8,162,000
19 Old Highway 31W South	W. Side	6,508,000	5,554,000	6,769,000	6,005,000 2,381,000	5,787,000 2,598,400	2,902,100	3,316,700
19A Woodburn	W. Side	3,891,000	2,638,000	2,802,000	5,715,000	6,188,000	7,513,000	7,171,000
20 Grider Pond	W. Side	7,243,000	5,498,000	6,452,000	5,966,000	6,722,000	8,065,000	7,380,000
21 Highway 68 West	W. Side	7,290,000	6,309,000	7,264,000 3,996,000	4,033,000	4,516,000	4,125,000	4,088,000
22 Rockfield	W. Side	4,604,000	4,544,000 3,110,000	2,669,000	3,022,000	2,807,000	3,555,000	3,713,000
23 Fuqua Road	W. Side	3,016,000 7,783,000	6,370,000	7,382,000	6,987,000	6,234,000	7,688,000	7,122,000
24 Highway 231 North	W. Side	3,913,000	3.072,000	3,348,000	3,405,000	3,058,000	3,041,000	3,572,000
24A Morgantown Road #1	W. Side	3,188,000	2,453,000	2,549,000	2,812,000	2,629,000	3,312,000	3,433,000
25 Morgantown Road #2	W. Side		1,736,000	2,029,000	2,031,000	1,907,000	2,369,000	2,596,000
26 Hadley	W. Side W. Side	2,538,000 397,200	315,700	304,900	376,800	370,400	542.000	487,100
28 Beech Bend Road	W. Side W. Side	5,204,000	3,767,000	4,287,000	3,510,000	3,733,000	4,725,000	5,159,000
29 Briggs Hill	W. Side	5,204,000	3,767,000	4,287,000	5,510,000	5,755,555	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0,100,000
TOTAL - Water Purchased (Northside	e & Westside)	236,712,500	229,35:3,000	226,471,300	∠255,9664,300	221 1,99 15,300	249,3773,100	292,641,200
		OK	OK	OK	ОК	OK	OK	OK

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT 1/8/2019 at 11:37 AM

ENTER Master Meter Reading Dates:		Jan-	17	Feb-17			226,471,300		Apr-17	M	ay-17	de	n-17	J.	1-17
1 BG North #1 @ BGMU WTP	Dec-16 11/19/16	Rand Data 12/15/16	# of Days		# of Days	OW/10/12	# of Days	OSPALIZ	# of Days	(Read Date 95/20/17	g of Days 29	Sept-Uple Street	# of Days	Committee of the last of the l	# of Days 33
2 Kelly Vance	11/18/18	12/15/16		100017	36	figursers.	26	03/20/17	33	DavieriT	30	05117777	28	00010017	33
X BG North #2 @ BGMU WTP	11/22/16	12/19/16		1/21/17		02/20/17		03/22/17		04/20/17		05/19/17		05/21/17	
2A Porter Pike	11/22/16	12/19/16	27	100000	33	92/99/12	26	60/20/07	33	95/20MZ	30	DMIRIT	29	0000000	32
3 Firestone \ Mizpah	19/22/16	12/19/16	27	1000	33	TOWNS T	30	20/22/17	30	REGIST	29	IS JUST	29	2668 V.17	33
5 Detour Road	11/22/16	12/10/10	27	AGENTAL	35	OMBOWN !	28	63/22/17	31	DMIZARIZ	32	BRANKE	28	2002/17	31
6 Girken	13/23/18	12/21/56		D/04/07	34	OSCIONAL A	28	QUITALEZ.	31	CHICKLIE	28	DATEMAT	31	36CH17	32
7 Richardsville	11/25/18	12/21/98	26	12407	34	INVESTMENT.	29	03/07/17	33	(ADM/IT	28	(B) HAY	29	28100.17	34
7A Ben Leo	11/25/16	12/22/16	27	UBA(17	33	Silvani) 1	29	01/27/17	33	QAIRSOT7	29	DESCRIPTION OF THE PERSON OF T	28	2000217	34
8 Sandhill	11/25/16	12/27/16	32	1/25/17	29	MARKET	29	935911	33	THERMO	28 29	VINDAM?	29 28	2017/17	34 34
9 Smith's Grove	11/26/16	12/27/36	31	16807	29	TEMPORT	30 32	DOME	32 30	OHORALLY.	28	TRACE LA	29		34
9A Oakland	11/28/16	12/20/16		UGANTY.	29 29	IEMETAT T	32	032237	30	DAGGETT? DAGGETT?	29	DAMESTI	29	8-2017 (Sept.)	34
10 Hays	11/28/16	12/29/16 12/29/16	31 30	107/17	29	MARKET T	31	0300017	30	04/2017	29	DOCUMENTS.	28	Contractor .	34
11 Barren County	11/29/16	12/23/19	30	BIRTHAY.	29	September 11:	32	Manual A	30	September 1.6	29	Contract L	20	-	34
X Cemetery Road @ BGMU	11/30/16	12/20/16	29 0	1/30/17	32	2000 H152	30	03/30/17	29	05/01/17	32	06/30/17	29	06/30/17	31
11S Cemetery Road 11T Barrington Manor	11/30/16	12/29/16 12/30/16		1/30/17	31	00001/37	30	03/30/17	29	05/01/17	32	05/30/17	29	96/88/17	31
11U Drakes Creek	12/01/16	12/30/16		1/30/17	31	MINISTER STREET	30	04/03/17	33	96/01/17	28	05/30/17	29	97/05/17	36
12 Bluegrass	12/02/16	01/03/17		2/01/17	29	03/00/27	33	04/04/17	29	06/03/17	29	08/02/17	30	07/06/17	34
13 Plano	12/05/16	01/04/17		2/01/17	28	03/06/17	33	04/06/17	31	05/03/17	27	06/05/17	33	07/07/17	32
15 South Alvaton	12/01/16	01/03/17		1/3/1/17	28	03/02/17	30	04/04/17	33	05/02/17	28	06/01/17	30	0/A/3/17	32
16 Boyce	12/06/16	01/05/17		2/03/17	29	03/07/17	32	04/07/17	31	05/05/17	28	08/06/17	32	07/98/17	32
17 Highway 240	12/06/16	01/05/17		2/02/17	28	03/07/17	33	04/07/17	31	05/04/17	27	06/06/17	33	07/08/17	32
17A Three Springs	12/06/16	01/09/17		2/08/17	28	03/07/17	29	04/10/17	34	05/08/17	28	06/06/17	29	07/10/17	34
18 Nashville Road	12/08/16	01/10/17	33 0	2/07/17	28	03/09/17	30	04/11/17	33	05/09/17	28	06/08/17	30	07/12/17	34
19 Old Highway 31W South	12/07/16	01/10/17	34 0	2/07/17	28	03/13/17	34	04/11/17	29	05/09/17	28	06/08/17	30	07/12/17	34
19A Woodburn	12/06/16	01/11/17	34	2/08/17	28	03/13/17	33	04/11/17	29	05/10/17	29	06/09/17	30	97/13/17	34
20 Grider Pond	12/09/16	01/11/17		2/00/17	28	03/14/17	34	04/12/17	29	05/11/17	29	06/12/17	32	97/13/17	31
21 Highway 68 West	12/12/16	01/12/17	31 4	2/10/17	29	03/15/17	33	04/12/17	28	05/11/17	29	06/13/17	33	07/14/17	31
22 Rockfield	12/12/16	01/12/17		2/13/17	32	03/15/17	30	04/13/17	29	05/15/17	32	06/14/17	30	97/14/17	30
23 Fugua Road	12/12/16	01/13/17		2/13/17	31	03/16/17	31	04/17/17	32	05/95/17	28	06/14/17	30	07/15/17	31
24 Highway 231 North	12/13/16	01/17/17		2/13/17	27	00M (LET	31	04/17/17	32	06/15/17	28	96/15/17	31	97/16/17	31
24A Morgantown Road #1	12/13/16	01/17/17		2/13/17	27	MARKET AND ADDRESS OF THE PARTY.	31	04/17/17	32	05/16/17	29	06/15/17	30	07/15/17	31
25 Morgantown Road #2	12/13/16	01/17/17		2/14/17	28	DECIDENT.	30	04/17/17	32	05/16/17	29	06/15/17	30	OT/18/17	31
26 Hadley	12/14/16	01/18/17		2/14/17	27	ORCHY LIV	31	04/18/17	32	05/16/17	28	96/16/17	31	07/17/17	31
28 Beech Bend Road	12/14/16	Q1/19/1Z	36	2/15/17	27	Sec. 1717.	30	94/38/17	32	95/17/17	29	06/16/17	30	97/18/17	32
29 Briggs Hill	12/14/16	01/19/17	36 0	2/15/17	27	GRADULE.	33	04/18/17	29	95/17/17	29	96/16/17	30	97/18/17	32
ENTER Water Sold (Gals):			(,000,050.		100		MILEST.		Am-U		May-U		Mark.	1	DEU
1 BG North #1 @ BGMU WTP					T/AH-200		MOLANN.		7 A05/146		1,206 (64)		1,10,000		1,711.00
2 Kelly Vance			1500000000		20,200,000		16, P ± 900						TO Jetuin		Dr. Fill-Hall
X BG North #2 @ BGMU WTP															
2A Porter Pike			4,600,780		6,013,830		SHIRE		5,593,220		5,217,970		6.330,000		0,000,000
3 Firestone \ Mizpah			9,789,930		11,813,600		11,502,120		11,676,000		11,190,930		11,287,990		13,808,930
5 Detour Road			3,384,800		4,358,790		3,536,680		3,671,210		4,040,700		3,951,000		4,861,590
6 Girken			1,450,220		1,778,010		1,475,200		1,650,920		1,585,370		1,961,220		2,067,590
7 Richardsville			2,508,040		3,133,810		2,452,030		2,859,540		2,566,890		2,934,350		3,468,220
7A Ben Leo			1,312,240	-	1,458,350		1,271,880		1,321,520		1,144,400		1,393,070		1,919,860
			2,735,090	-	2.561.010		2,249,070		2,555,280		2,396,000		2,624,890		3,380,150
8 Sandhill			1,941,300	_	1,805,450		1,713,380		2.014.710		1,886,890		1,918,150		2,501,760
9 Smith's Grove				-					4.730.180				5,073,890		6.638.950
9A Oakland			4.737.990	-trans	4,001,000		5,051,630		The state of the s		4,733,130				
10 Hays			4,244,480		3,953,810		4,304,820		4,248,240		4,189,520		4,536,070		6,004,130
11 Barren County			908,560		996,540		1500,000		1,000,730		932,270		1.020,110		1,014,000
X Cemetery Road @ BGMU															and the second
11S Cemetery Road			5 1100,960		3,343,110		12.150		12888311		11858		160 50		- 100
															the same of the sa

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT
1/8/2019 at 11:37 AM

						1/8/20	19 at 11:37 AM
11T Barrington Manor	2,623,870	2,778,470	2,514,780	2,634,050	3,505,230	4,478,760	6,165,490
11U Drakes Creek	5,759,660	6,813,810	5,278,520	5,961,440	5,846,500	6,909,760	10,280,980
12 Bluegrass	10.972.600	9,798,540	11,203,580	10,396,140	10,452,690	12,207,410	14,432,260
13 Plano	8,408,920	9,155,000	8,018,650	8,056,480	8,441,910	11,946,360	12,676,160
15 South Alvaton	4,378,720	3,515,990	3,680,850	3,999,000	3,805,920	4,337,650	4,968,220
16 Boyce	3,030,390	2,621,210	3,115,680	2,780,840	2,898,190	3,670,900	3,700,850
17 Highway 240	1,162,970	985,050	1.113,790	1,057,220	9.019.250	1,394,590	1,827,930
17A Three Springs	24,045,260	20,402,790	22,213,230	24,489,440	22,541,190	27,139,260	31,298,920
18 Nashville Road	30,829,710	30,729,770	37,929,620	32,778,830	32,437,250	37,569,600	42,924,720
19 Old Highway 31W South	5,442,410	4,621,010	5:698,310	5,008,100	5,115,650	6,553,010	6,948,130
19A Woodburn	2,586,240	1,825,380	2,002,810	1,978,620	2,222,410	2,603,640	2,945,980
20 Grider Pond	6,869,520	5,029,170	5,597,710	5,003,350	5,480,070	6,895,410	6,551,010
21 Highway 68 West	6,475,710	5,501,880	6.417,750	5.401,910	6,005,050	7,410,830	6,792,150
22 Rockfield	3,476,250	3,215,300	3,049,440	3,043,790	3,473,620	3,725,290	3,741,180
23 Fuqua Road	2,522,310	2,589,840	2,285,720	2,528,330	2,143,310	2,736,470	2,720,010
24 Highway 231 North	7,325,630	5,999,630	6,936,220	6,578,740	5,848,760	6,864,600	6,836,340
24A Morgantown Road #1	2,483,080	1,988,370	2,237,800	2,375,830	2,337,430	2,719,340	2,785,430
25 Morgantown Road #2	2,473,400	1,907,000	1,928,610	2,194,520	2.070,560	2,650,930	2,785,870
26 Hadley	1,891,450	1,273,880	1,527,520	1,571,900	1,565,330	1,769,930	2,156,570
28 Beech Bend Road	358,910	282,010	276,700	310,440	343,150	470,470	499,490
29 Briggs Hill	3,621,890	2,774,830	3,536,920	3,240,290	3,436,560	4,616,000	4,720,470
TOTALS - Water Sold	193,862,810	190,170,720	196,677,490	196,995,960	195,729,800	228,379,120	268.014.080

ENTER Leak Detection Dates & No. of Leaks Found By Leak Detection:														
		0-17		Fish-17		m-17		Apr-17		Any-17		in-II		# of Leaks
A DOMESTIC OF CONTRACTOR	Read Date	# of Leaks	Reed Date	# of Lonks	11/04/13	# of Leaks N/A	Read Date 11/04/13	# of Looks N/A	11/04/13	# Of Looks	11/04/13	# of Leaks	11/04/13	N/A
1 BG North #1 @ BGMU WTP	11/04/13	N/A	11/04/13	N/A	03/09/10		02/15/17	NA	02/15/17	NIA	02/15/17	54/6	02/15/17	18416
2 Kelly Vance	03/09/10	Hilk	-01/00/kE	MIA	VAMUNATO:	N/A	trentoen.	TRIP	METTORIA	HIM	- 4000 100/17	1000	MACCORDA	- UNIVA
X BG North #2 @ BGMU WTP			## M # ## #	2014	On the law	NIA	DOMAIN.	NVA	000487	600A	00/04/49	NIA	03/31/17	NVA
2A Porter Pike	03/31/16	NVA	03/31/16	N/A	03/31/16	N/A	03/31/16	N/A	03/31/17	N/A	03/31/17	N/A		N/A
3 Firestone \ Mizpah	02/10/16	N/A	02/10/16	NA	02/10/16	N/A	02/10/16	N/A	02/10/16	N/A	02/10/16	N/A	02/10/16	AVA
5 Detour Road	12/23/16	N/A	12/23/16	N/A	12/23/16	N/A	04/03/17	N/A	04/03/17	N/A	04/03/17	N/A	04/03/17	NUA
6 Girken	04/14/15	· N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A
7 Richardsville	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A
7A Ben Leo	02/16/16	N/A	02/16/16	N/A	02/16/16	N/A	02/16/16	N/A	02/16/16	N/A	02/18/16	N/A	0.2/16/16	N/A
8 Sandhill	05/08/14	N/A	05/08/14	N/A	05/08/14	N/A	95/08/14	N/A	D5/98/1A	N/A	05/08/14	N/A	05/08/14	N/A
9 Smith's Grove	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A
9A Oakland	05/02/16	N/A	05/02/10	N/A	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A
10 Hays	06/27/15	N/A	05/27/15	N/A	06/27/15	N/A	95/27/15	N/A	05/27/15	N/A	05/27/15	N/A	05/27/15	N/A
11 Barren County	05/22/15	N/A	05/22/15	N/A	05/22/15	N/A	05/22/15	N/A	05/22/15	N/A	05/22/15	N/A	05/22/15	N/A
X Cemetery Road @ BGMU														
11S Cemetery Road	08/07/09	N/A	08/07/09	N/A	08/07/09	N/A	06/07/09	N/A	08/07/09	N/A	08/07/09	N/A	06/07/09	N/A
11T Barrington Manor	n/a	, N/A	n/a	N/A	n/a	N/A	rsén	N/A	n/a	N/A	n/a	N/A	n/a	N/A
11U Drakes Creek	05/29/15	N/A	05/29/15	N/A	05/29/15	N/A	03/10/17	N/A	03/10/17	N/A	03/10/17	N/A	03/10/17	N/A
12 Bluegrass	01/29/16	N/A	01/29/16	N/A	92/25/17	N/A	02/25/17	N/A	02/25/17	N/A	02/25/17	N/A	02/25/17	N/A
13 Plano	05/10/06	N/A	06/10/06	N/A	05/10/06	N/A	05/10/06	N/A	06/10/06	N/A	05/10/06	N/A	05/10/08	N/A
15 South Alvaton	04/28/06	N/A	04/28/06	N/A	04/28/08	N/A	04/28/06	N/A	04/28/08	N/A	04/28/06	N/A	04/28/06	N/A
16 Boyce	05/23/15	N/A	05/23/15	N/A	05/23/15	N/A	05/23/15	N/A	04/28/15	N/A	04/28/15	N/A	04/28/15	N/A
17 Highway 240	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A
17A Three Springs	03/01/09	N/A	03/01/09	N/A	03/01/09	N/A	03/01/09	N/A	03/01/09	N/A	03/01/06	N/A	03/01/09	N/A
18 Nashville Road	03/19/12	N/A	03/19/12	N/A	03/06/17	N/A	03/08/17	N/A	03/08/17	N/A	03/06/17	N/A	03/08/17	N/A
19 Old Highway 31W South	02/25/16	N/A	02/25/16	N/A	02/25/16	N/A	02/25/18	N/A	02/25/16	N/A	02/25/16	N/A	02/25/16	N/A
19A Woodburn	01/15/15	N/A	01/15/16	N/A	01/15/15	N/A	01/15/15	N/A	01/15/15	N/A	01/15/15	N/A	01/15/16	N/A
20 Grider Pond	05/17/16	N/A	05/17/16	N/A	05/17/16	N/A	05/17/18	NVA	05/17/18	N/A	05/17/16	N/A	05/17/16	N/A
21 Highway 68 West	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A

7 of 16

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT

1/8/2019 at 11:37 AM

02/19/16	N/A 02/19/16	N/A 02/19/16	N/A 02/19/16	N/A 02/19/16	N/A 02/19/16	N/A 02/19/16	N/A
02/05/14	M/A 09/05/14	N/A 02/05/14	N/A 02/05/14	N/A 02/05/14	N/A 02/06/14	N/A 02/06/14	N/A
06/06/96	N/A 06/06/06	N/A 166/06/05	N/A 06/06/96	N/A 06/06/06	N/A 96/05/98	N/A 06/06/06	N/A
01/12/16	N/A 01/12/16	N/A 01/12/16	N/A 01/12/16	N/A 01/12/16	N/A 01/12/16	N/A 01/12/16	N/A
02/25/05	N/A 02/25/05	N/A 02/25/05	N/A 92/25/05	N/A 02/25/05	N/A 02/25/05	N/A 02/25/05	N/A
06/10/12	N/A 08/10/12	N/A -08/10/12	N/A 00/10/12	N/A 08/10/12	N/A 08/10/12	N/A 08/10/12	N/A
07/20/06	N/A 07/20/06	N/A 07/29/06	N/A 07/20/06	N/A 07/20/06	N/A 07/20/06	N/A 07/20/06	N/A
12/29/11	N/A 12/29/11	N/A 12/29/11	N/A 12/20/11	N/A 12/20/11	N/A 12/29/11	N/A 12/29/11	N/A

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

22 Rockfield

23	Fuqua Road
24	Highway 231 North
24A	Morgantown Road #1
25	Morgantown Road #2
26	Hadley
28	Beech Bend Road
29	Briggs Hill

TOTALS - Leaks Found By Detection

ENTER Own Use (Gals):							
1 BG North #1 @ BGMU WTP	180-17	Februar 1	Mw-17	Apr-17	May-17	Jane 17	MALL
2 Kelly Vance	30.476	166,897		13.683	24,323		4.00
X BG North #2 @ BGMU WTP							
2A Porter Pike				1	13,570		20,94
3 Firestone \ Mizpah	2,820				286,304	40,248	
5 Detour Road	4,896	297,250	103,000	251,996	17,070		
6 Girken	150,000	30,520	25,500	19,815	128,214		
7 Richardsville	111,000	- 1		364,605	_	24,600	61,50
7A Ben Leo		-	14,000	51,182		7,210	
8 Sandhill		- 1	20	7,670	-		
9 Smith's Grove	3,600	5,250	20,000	16,500	-	3,000	79,62
9A Oakland				-1	24,750	295,662	
10 Hays	43,500	A	-			154,542	44,58
11 Barren County							87,00
X Cemetery Road @ BGMU							
11S Cemetery Road		the same of the sa	3 11/5		.21.935	20,237	302.69
11T Barrington Manor	The same of the sa	A Section 1997		2,125			
11U Drakes Creek	4,000	1,250		2,380		The second second second	
12 Bluegrass		100000000000000000000000000000000000000		19,363			23,00
13 Plano	2,500	3-10-10-10-10-10-10-10-10-10-10-10-10-10-	2,500		82,456	122,078	23,00
15 South Alvaton	V. Day and Co. Co.				22,500		25,15
16 Boyce		- 1				(1)	
17 Highway 240		- 1	5,400				4,00
17A Three Springs	183,000			218,106	1,600	64,129	2,036,85
18 Nashville Road		35,000			33,570	84,000	48,60
19 Old Highway 31W South	8,193						112,47
19A Woodburn		51,000	500	3,958			
20 Grider Pond	8,390	3,020	8,250				
21 Highway 68 West		8,520	2,900	126,381	94,369	71,212	-
22 Rockfield		8,618	-	-			-
23 Fuqua Road		36,240	-	9,000	25,240	92,400	9,60
24 Highway 231 North	<u> </u>	- 1	-			20,170	
24A Morgantown Road #1	<u> </u>						
25 Morgantown Road #2	<u> </u>		6,000	-		A 10	2,86
26 Hadley		18,000	-	-	100	132,000	*
28 Beech Bend Road		- 1		22,600	10.		
29 Briggs Hill			2,000	-	-		2
TOTALS - Water for Own Use	550.373	660,675	194,775	1,130,144	775,799	1,117,466	2,953.93

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

ENTER Accounted For (Gals):	0.00		War and the second				
1 BG North #1 @ BGMU WTP	-Mr-17	Este: LZ	57,690	PARELLE	25.700	2001-32	anest.
2 Kelly Vance	-4.805.280	2.310/560	360,000		-	199 600	
X BG North #2 @ BGMU WTP						and the second	_
2A Porter Pike	1.338.200	989,400	. 730:080	780.920	719 000	939 300	187,209
3 Firestone \ Mizpah	108,000		300,000	532,800	309,600	100,800	233,280
5 Detour Road	115,200	-	08,340	948,080	1,234,080	464,940	1,778,400
6 Girken		86,400	12,000	72,000	-	74,880	11,520
7 Richardsville	527,155	125,730	41,700	11,520	-	14,400	
7A Ben Leo		-			-	-	
8 Sandhill	691,200	432,000	161,200		-		
9 Smlth's Grove	768,080	- 11	13,660	221,780	83,520	40,320	14,400
9A Oakland	86,400	83,520	25,640	1,929,800	662,400		31,680
10 Hays	316,800	1,296,000	129,600	54,720	57,600	20,880	
11 Barren County	216 000	(85,760	80,480	180,000	26,000	and the same of th	1,00(0)()
X Cemetery Road @ BGMU			The second second				
11S Cemetery Road		216,000			-	147	-
11T Barrington Manor	-	\$7,200	28,800	-	57,600	158,400	44
11U Drakes Creek	509,760	1,309,200	1,938,960	840,960	453,800	734,400	216,000
12 Bluegrass	1,120,320	1,245,800	240,480		6,600	-	230,400
13 Plano	993,800	924,480	482,240	21,600		-	69,600
15 South Alvaton		-		38,680	148,896	7,200	9,600
16 Boyce	112,320	2,880	210,240	216,000	24,480		57,600
17 Highway 240		-	-	-	-	-	
17A Three Springs	269,400	504,000	57,600	561,600	778,160	789,120	315,360
18 Nashville Road	374,400	507,500	4,824,000			-	679,920
19 Old Highway 31W South	14,400	237,000	6,000		144,000		149,760
19A Woodburn	682,400	370,800	171,360	257,040	187,200	30,600	345,600
20 Grider Pond	144,000	29,160	1,440	21,600	72,000		
21 Highway 68 West	403,200	177,300	123,840	41,760	87,840	108,720	538,560
22 Rockfield	18,000	421,200	14,400		2,864,160	104,940	49,680
23 Fuqua Road		120,960	8,640	108,000	224,640	345,600	472,320
24 Highway 231 North 24A Morgantown Road #1	54,000	188,800		108,000			16,200
24A Morgantown Road #1 25 Morgantown Road #2	38,880	TOPPOU	83,520	2.880		18,000	
25 Morganiown Road #2 26 Hadley	30,000	174.422	14,400	826,800	43,200	10,000	62,640 294,300
28 Beech Bend Road	-	A PARKE	14,400	6.20,800			200,300
29 Briggs Hill	41.700	1,323,360	99.3(0)			100,000	
Lo Dinggoriii	41,000	1,020,000	31 311			100 300	
TOTALS - Water Accounted For	13,727,755	14,336,732	10,244,340	7,645,920	8,272,776	4,348,140	5,944,020

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

ENTER Master Meter Readings (SCADA):	Au	9:17	Seg	p-17	Oct	-17	Nov	-17	Dec	:-17	
1 BG North #1 @ BGMU WTP	Constitution of the	Usage	BUANTO	Usage		Usage	- 2.5	Usage		Usage	Usage YTD
1 BG North #1 @ BGMU WTP Kelly Vance		49,421,000	The second second	47,426,000		53,635,000		41,683,000		36,072,000	548,049,000
	250	(47,586,000) 45,582,000	34364Z	(45,794,000)		(51,768,000)		(40,209,000)	1 Mileson	(35,219,000)	(528,561,000)
2 Kelly Vance Detour Road \ Tanglewood		(12,817,000)		48,006,000 (13,121,000)		52,033,000	and the same	39,149,000	198550	37,641,000	530,064,000
Girken		(4,982,000)	185.0	(5,814,000)		(15,482,000)		(11,000,000)	145,4000	(11,712,000)	(138,542,000)
Porter Pike	11		11.00		PORTON	(5,368,000)	حسي	(4,594,000)	(II)	(4,933,000)	(60,517,000)
Plum Springs	-	(6,949,000) 5,183,000		(7,997,000) 4,882,000	LUMBER	(8,981,000)		(7,259,000)		(7,905,000)	(87,565,000)
FSTV FSTV	1000					4,496,000		2,891,000		7,632,000	28,544,000
FSTP		6,000		3,000	19804	4,000		64,000 (8,000)		1,000	135,000
X BG North #2 @ BGMU WTP	1231372	36,354,000	1273394	42,022,000	1310224	36,830,000	1346178		4202E00	25 440 000	(8,000)
Mizpah (Prev Firestone)	5721360	(35,705,000)	5762607	(41,247,000)	5798764	(36,157,000)	5834123	35,954,000 (35,359,000)	1382588 5869912	36,410,000 (35,789,000)	395,164,000 (388,280,000)
2A Porter Pike	Annkar	6,986,000	5702007	8,173,000	0100104	8,784,000	TENERA	7,499,000	0000012	7,640,000	87,120,000
3 Mizpah (Prev Firestone)	5727300	35,705,000	- 07	41,247,000	100.00	36,157,000	-	35,359,000	-	35,789,000	388,280,000
Oakland 1	601242	(12.073.000)		(14,350,000)	100	(12,081,000)	-	(12,404,000)		(10,190,000)	(138,738,000)
Oakland 2	214175	(4,205,000)	Street	(4,864,000)	1000	(4,021,000)		(3,965,000)	00/24	(3,313,000)	(46,403,000)
Plum Springs	9298	(5.617,000)	100	(5,090,000)	-	(3,974,000)	100	(3,019,000)	2072A	(7,305,000)	(28,564,000)
FSTV	404477	(6,000)		(3,000)	200	(5,000)		(63,000)	20140		(135,000)
FSTP	202017	(0,000)	Trois	(3,000)		[3,000]	TELEVISION	8,000	100	(1,000)	8,000
5 Detour Road \ Tanglewood	0000	12,527,000	-	14,527,000	207000	13,968,000	34106	12,015,000	Ballio	10,478,000	137,803,000
Richardsville	2370725	(5:044,000)		(6,439,000)	147 1994	(5,514,000)	143957	(5,370,000)	18458	(4,921,000)	(62,711,000)
6 Girken	1194109	5,022,000		6,106,000	(2030)	4,838,000	12.000	5,030,000	NAME OF TAXABLE PARTY.	4,825,000	60,540,000
Sand Hill South	204700	(3,981,000)		(3,255,000)	1992	(2.575.000)	ARME	(2,808,000)	Value	(2,789,000)	(36,216,000)
7 Richardsville	4480473	5,835,000		5,468,000	147.1817	6,247,000		5,004,000		5.556.000	62,973,000
Ben Leo	3313382	(1.769,600)	-	(1,595,900)	254326	(1,798,400)	183841	(1,396,800)	11554	(1,654,900)	(19,413,500)
Jack Simmons Road	2050	7,800	100	(instant)	334300	(1,730,440)		11,059,0001		(1,034,500)	7,800
Anna	57724	7,000	10000		-		The same		1110	-	(41,900)
Mt Zion Road	41		-	(3,000)		(1,000)	-		1110	(15,000)	(19,000)
7A Ben Leo	3355382	1,769,600	No.	1,656,600	-	1,791,900	100.000	1,395,400	MINE	1,602,100	19,413,500
Mt Zion Road	At	1,703,000	-	3,000		1,000	1000000	1,390,400	PROCESS.	15,000	19,000
8 Sandhill South	496980	3,150,000	WATER ST	2,850,000	-	2,868,000	100	2,515,000	D840	2,890,000	36,189,000
Jack Simmons Road	2572	3,130,000	3000	(7,800)		2,000,000	-	2,515,000	200	2,090,000	(7,800)
Anna	57724			(1,000)	277.0		*223		27.0	-	41,900
9 Smiths Grove	880067	2,403,000		2,472,000	-	2.403.000	10000	2.282.000	9000	2,384,000	28,749,000
9A Oakland 1	960127	12,155,000		14,507,000	100	11,580,000	-	10,877,000	100	11,983,000	139,288,000
Oakland 2	218198	4,251,000	-	4,864,000	1000	3,837,000		3,458,000	0.00	3,906,000	46,573,000
Hays	1554755	(7,391,000)		(9.105,000)		(6,657,000)	2000019	(6,157,000)	2000	(6,895,000)	(80,753,000)
Smiths Grove	580947	(2.390,000)		(2,638,000)	200	(2,239,000)		(2.200,000)	-	(2,452,000)	(28,631,000)
Three Forks	5845	6,200	-	(6.3030.000)	-	4,400		(2.200,000)		900	20,000
10 <u>Hays</u>	475968KA	7,437,000	100	9,011,000	17	6,452,000		6,344,000	100,000	6,911,000	80,956,000
Barren County	201200	(1.422.000)	-	(1,646,000)		(1,273,000)	-	(1,274,000)		(1,258,000)	(15,505,000)
Hwy 1297MM	56076	(1/425,000)		(1/040,000)		(1.210,000)		31214(000)	100	(1,250,000)	(15,505,000)
Three Forks	ARAE	(6,200)				14.000	100			(000)	(00.000)
	3040		-	4 007 000	1984	(4,400)	1	4 000 000		(900)	(20,000)
	40004	1,422,000	100000	1,607,000		1,360,000	-	1,226,000	2007	1,258,000	15,469,000
Barren County \ Glasgow X Cemetery Road @ BGMU WTP	6364573	1,754,670,000	8589458	0.040.050.000	0707440		-	4 047 000 000	7004100	4 805 574 044	47 000 500 000
			and the latest and th	2,048,850,000	6737113	(405 000 000)	6898906	1,617,930,000	7061463	1,625,570,000	17,228,520,000
X Cemetery Road 24* X Cemetery Road 6"	5082472	(168,550,000)	5102427	(199,550,000)	5119009	(165,820,000)	5135742	(167,330,000)	5151803	(160,610,000)	(1,863,890,000)
	18985	33,000	18997	31,000	19037	40,000	19077	40,000	19133	56,000	587,000
11S Cemetery Road 24" Cemetery Road 6"	-	168,550,000	OF TAXABLE	199,550,000	20.000	165,820,000	and the same	167,330,000	ATAIN AND	160,610,000	1,863,890,000
			(STATE OF	(31,000)	The same of	(40,000)	THE PERSON NAMED IN	(40,000)	19130	(56,000)	(587,000)
Three Springs (Prev Greenwood #2) Greenwood Road #1 @ PS		(98,297,000)	40	(113,150,000)	Third Section	(97,513,000)	19447047	(94,227,000)	10-1755	(99,873,000)	(1,117,098,000)
Greenwood Road #1 @ PS Drakes Creek	-	(42,527,000)		(49,553,000)	-	(38,675,000)		(36,843,000)	0.00	(36,129,000)	(435,521,000)
DIAKES CLEEK		(22,525,000)		(26,798,000)		(20,244,000)	2000	(19,647,000)		(16,865,000)	(216,079,000)

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

Lovers Ln X 1000 (6*)	2402		2007		3466		940	1,000	-		43,000
Lovers Ln X 100 (2" is off)	129397		16007		17000		THESE		(1990)		
11T Barrington Manor	607111	6,841,000	700680	8,574,000	211800	5,938,000	24.7674	6,255,000	101500	3,700,000	56,572,000
Drakesboro	1200AR	319,300	137281	430,400	150111	132,600	100000	134,600	Lighten	2,400	1,521,700
11U Drakes Creek	2870106	22,029,000	2004009	24,853,000	201.0367	20,339,000	241 Sheet	19,835,000	(30119)	16,293,000	216,240,000
Barrington Manor	897960	(6,748,000)	1000	(7,725,000)	177939	(6,193,000)	75.8956	(6,000,000)	fulletts	(3,787,000)	(56,572,000)
Drakesboro	127451	(347,000)	130,362	(384, 100)	10000	(141,000)	10000	(126.200)	12500	(2,500)	(1,521,800)
North Alvaton	721878	250,000	TARRES	178,000	700	83,000	77901	73,000	1700	12,000	1,371,000
South Alvaton	851295	(5,358,000)	015700.7	(5.926,000)	2000	(4.845,000)	22000	(4.710.000)	271470	(4,650,000)	(57,297,000)
	001290	42,023,000	450ML0	50,372,000	9545007	36,168,000	-	36,942,000	horizon	33,881,000	436,607,000
12 Bluegrass \ Greenwood #1 at PS	4/10/0007		301410		1841463	(6.776,000)	200	(7,296,000)	Tentricon	(6,851,000)	(83,905,000)
Grider Pond.	3320066	(7,825,000)		(9,641,000)		Annual Control of the	30010	(16.010.000)	Name and Part		(185,609,000)
Plano	3973953	(18,957,000)	Incom	(22.391,000)	40.17014	(15,178,000)	200		CONTRACTOR	(14,209,000) 14,790,000	184,830,000
13 Plano	39/3963	18,437,000	10(634)	22,391,000		15,760,000	36016	15,428,000	20000		, ,
North Alvaton	721692	(260,000)	Miles	(172,000)	700 100.1	(87,000)	2000	(81,000)	Cherry	(14,000)	(1,372,000)
Boyce	697046	(3.871,000)	301158	(4,092,000)	704001	(3,223,000)	20000	(3.298,000)	771101	(3,442,000)	(40,649,000)
15 South Alvaton	861533	5,867,000	AUTABL	5,863,000	MINIMI	5,251,000	-	4,267,000	\$2A74E	4,804,000	57,589,000
16 Boyce	697341	4,053,000	101940	3,905,000	704001	3,235,000	707705	3,275,000	215100	3,442,000	40,642,000
Goodrum Road to Simpson Co.	12416		12115		12416		1000		17816		-
Goodrum Road to Warren Co.	1103		7100		Pilla		2592		1100	-	-
17 Highway 240	237846	2,228,000	220790	1,938,000	MINI	1,349,000	242448	1,311,000	(40000	1,222,000	16,727,000
17A Three Springs (Prev Greenwood #2)	10149470	105,420,000	1020/001	117,600,000	10050007	92,137,000	10444877	85,670,000	10 1107	88,720,000	1,116,558,000
Nashville Road	2915605	(41,801,000)	100.00	(50,946,000)	2000	(40,475,000)	10 Marie	(39,828,000)	100	(40,500,000)	(476,690,000)
Highway 68W @ Pump Station	2867551	(15,364,000)	7.	(18,327,000)		(14,138,000)	SAISIEL	(12,911,000)	20000000	(14,080,000)	(176,350,000)
Parkway	2680		200				2000		2600		
Elrod Road	56	1,000	20	and the same		with the same	20	and the same			1,000
Richpond	339126	(14,372,000)	262491	(14,065,000)	- 0	[10,829,000]	110	(9,790,000)		(10,150,000)	(134,262,000)
18 Nashville Road	2916820	40,063,000	Table 1	46,833,000		44,814,000	200	41,361,000	2001	40,193,000	476,974,000
Old Highway 31W South	2031271	(469,000)	10.75(6)	(34,000)		(33,000)	=0: , =0:	(43,000)	20100	221,000	(641,000)
Elrod Road	50	(1,000)		-	- 1	-	- N		- 10		(1,000)
John Jones Rd	104478		10-175		ABAA78		Allian78		200		310,000
19 Old Highway 31W South	2031271	459,000	1	34,000	2021025	33,000	2001281	43,000	175	(221,000)	642,000
Woodburn	750424	(6,038,000)	31000	(4,500,000)	7/88474	(5,550,000)	77ADH	(4.542,000)	1	(4,072,000)	(54,386,000)
Richpond	339437	13,837,000	OF SHIP A	11,977,000	7640.16	12,934,000	TAKE	10,087,000	- 3	10,819,000	135,254,000
19A Woodburn	759598	6,017,000	794131	4,516,000	786110	6,002,000	774010	3,900,000	200	3,822,000	53,987,000
Highway 240	238208	(2,288,000)	1000/	(1.659.000)	18860	(1,626,000)	JAMES .	(1,142,000)	Z 170	(1,135,000)	(16,769,000)
Springfield Road to Simpson Co.	25857		1867		(1967)		15457			-	
Springfield Road to Warren Co.	1029		100	100	1990		190%		1000		-
Starks Road to Simpson Co.	11078		1 507	(51,900)	14997		A170GE	(17.500)	1,1756	(9,400)	(394,200)
Starks Road to Warren Co.	88723		200	11000	00000		Move		78700		33,600
20 Grider Pond	1327631	8,752,000	CERNIC	7,782,000	1945750	8,326,000	1350000	6,423,000	196T380	7,068,000	84,131,000
21 Highway 68 West	0		9		0.		0		0		-
Highway 68W @ Pump Station	2809016	14,789,000	DISPASE.	17,422,000	SHILIME	15,408,000	CENTRE	14,150,000	10000000	13,712,000	176,325,000
Rockfield	731613	(3,847,000)	19907	(4,314,000)	748159	(4,162,000)	7407011	(3.505,000)	077147	(3,533,000)	(49,162,000)
Fugua Road	704833	(3,399,000)	1986	(3.954,000)	735861	(3,294,000)	/ABUSA	(3.172,000)	TUTANA	(2,911,000)	(38,487,000)
John Jones Rd	104478	100000	TORK THE		104478		104473	10000	104475		(310,000)
22 Rockfield	732138	4,248,000	Decide	4,019,000	740511	4,354,000	7400.14	3,102,000	242342	3,533,000	49,162,000
East Logan	2248	(400)	200		3946		10946		22,66	-	(400)
23 Fugua Road	705102	3,733,000	Twill	3,709,000	7 (11)35	3,374,000	710300	2,980,000	PARROW	2,899,000	38,587,000
24 Highway 231	4993269	23,014,000	111000	22,794,000	14100176	22,111,000	#157/G7	19,453,000	# 1990ABB	18,563,000	244,366,000
Morgantown Road #1	1747302	(15, 125,000)	11999	(14,960,000)	1/2/10/10	(14,501,000)	1786917	(12,554,000)	IMILIOS	(12,239,000)	(158,244,000)
24A Morgantown Road #1	1747768	15,611,000	nose	14,474,000	7117140	14,878,000	V79M9.17	12,177,000	- market	12,713,000	158,718,000
Morgantown Road #2	2646467	(11,717,000)	3007336	(10,756,000)	Witten (70.5)	(10.900,000)	7077794	(9.071,000)	100	(9,442,000)	(117,342,000)
Bill Dedmon Road	78390		796	4.50 1-41	70400	4.2003.0000	78000		70000		
25 Morgantown Road #2	2046467	11,717,000	100 march 100	11,553,000	200m (0.5	10,103,000	D7730A	9,441,000	1000	9,072,000	117,342,000
Briggs Hill	700232	(5,337,000)	11387	(5.355,000)	1191	(4.684,000)	11000	(4:381,000)	1000	(4,081,000)	(53,803,000)
				Manager and Automatical States		A COMPANY OF STREET		THE RESERVE AND ADDRESS OF			,

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

	Hadley Cohron 4*(Changed on 6/6/12) Hadley Hadley Cohron 4*(Changed on 6/6/12) Butler Co. Line	24715 196915 24715 353987	2,793,000	24715 199775 24715 353987	2,860,000	24716 201576 24716 353990	1,0(0 1,801,0(0 (1,0(0) (3(0) 648,9(0	24716 203675 24716 353990	2,099,0(0	24716 205716 24716 353990	2,041,000 - - - 351,100	1,000 26,800,000 (1,000) (300) 5,818,800
	Beech Bend Road 2° Beech Bend 6° Briggs Hill	656526 14145 708406	645,7(g 160,0(g 5,163,0(g	663353 14251 713736	682,700 106,000 5,330,000	669842 14419 718430	168,0(0 4,694,0(0	677055 14515 722652	721,3(g 96,0(g 4,222,0(g	680566 14516 727216	1,000 4,564,000	556,000 54,150,000
	Bill Dedmon Road Barren River Road	76390 135015	23,00	76390 135053	38,00 ₀	76390 135072	- 19,0(₀	76390 135099	- 27,0(₀	76390 135116	17,000	332,000
	TOTAL - Master Meter Readings		280,59,2,400 OK		309,3215,000 OK		?7\$,46\$700 OK		254,562, 800 OK		242,6418,800 OK	₹,054,174,400 OK
ENT	ER - Reading Adjustments (Gals):		Aup-17		<u>Sep-17</u>		Oct-17		Nov-17		Dec-17	Adjusts YTD
1	BG North #1 @ BGMU WTP	_	<u>700-17</u>		<u> </u>		-		-		600,000	600,000
2	Kelly Vance								-			1,250,000
	BG North #2 @ BGMU WTP	_	-		<u> </u>	100	*		-			
2A	Porter Pike		-				-		-			-
	Firestone \ Mizpah	-			-						<u> </u>	(1,250,000)
5	Detour Road	_	-			ck-fed from R-Ville						112,320
6	Girken	-			-		-		450,000			(400.000)
7	Richardsville	-	-			ick-fed to Detour	(230,000)	dead meter @Anna		Sandhill tank inspect	<u>.</u>	(492,320) 150,000
	Ben Leo	-	-		-			dead meter @Anna	150,000	Ink out		230,000
8	Sandhill Sarible Course	-					230,000	dead meter @Anna				230,000
9	Smith's Grove	-			-							
	Oakland	-			<u>:</u>							
	Hays Pares County	-					<u>-</u>					
	Barren County Cemetery Road @ WTP	_			<u>-</u> _							-
	Cemetery Road	-	-							Venturi meter issue :		(9,838,587)
	Barrington Manor	-			-		-		(4,303,307)	venturi meter issue i		(9,030,307)
	Drakes Creek	-			-							
	Bluegrass	-	-		-				-		-	
	Plano	-	-		-							
	South Alvaton	_	-		-		-				-	
16	Boyce	-	-									-
17	Highway 240								-			-
17A	Three Springs						-					(2,700,000)
18	Nashville Road		-								-	2,700,000
	Old Highway 31W South	_			(390,000)							(390,000)
	Woodburn	-	-		390,000							390,000
	Grider Pond	-	-				-					
	Highway 68 West	-			· .		-				<u> </u>	
	Rockfield	-	.								-	
	Fuqua Road	-					:					-
	Highway 231 North Morgantown Road #1	-										-
	Morgantown Road #1 Morgantown Road #2	-	-									-
	Hadley	-										-
	Beech Bend Road	-	-				-					
	Briggs Hill	-	-		-							
20	- report of the second	-										
	TOTAL - Reading Adjustments								(4,985,587)		600,000	(9,238,587)

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

CALCULATION - Water Purchased (Gals):

CALCOLATION - Water Furchased (Gals).					D 47	
	<u>Aug-17</u>	<u>Sep-17</u>	Oct-17	Nov-17	Dec-17	
1 BG North #1 @ BGMU WTP	1,835,000	1,632,000	1,867,000	1,474,000	1,453,000	20,088,000
2 Kelly Vance	26,023,000	25,959,000	26,702,000	19,243,000	20,724,000	273,361,000
X BG North #2 @ BGMU WTP	649,000	775,000	673,000	595,000	621,000	6,884,000
2A Porter Pike	6,986,000	8,173,000	8,784,000	7,499,000	7,640,000	87,120,000
3 Firestone \ Mizpah	13,804,000	16,940,000	16,076,000	15,916,000	14,980,000	173,198,000
5 Detour Road	6,883,000	8,200,320	8,354,000	6,645,000	5,557,000	75,204,320
6 Girken	1,941,000	2,851,000	2,263,000	2,222,000	2,036,000	24,324,000
7 Richardsville	4,073,200	3,756,780	4,217,600	3,457,200	3,886,100	43,014,080
7A Ben Leo	1,769,600	1,659,600	1,792,900	1,545,400	1,617,100	19,582,500
8 Sandhill	3,150,000	2,842,200	3,098,000	2,515,000	2,890,000	36,453,100
9 Smith's Grove	2,403,000	2,472,000	2,403,000	2,282,000	2,384,000	28,749,000
9A Oakland	6,631,200	7,628,000	6,525,400	5,978,000	6,542,900	76,497,000
10 Hays	6,008,800	7,365,000	5,174,600	5,070,000	5,652,100	65,431,000
11 Barren County	1,422,000	1,607,000	1,360,000	1,226,000	1,258,000	15,469,000
X Cemetery Road @ BGMU	1,586,153,000	1,849,331,000	(165,780,000)	1,450,640,000	1,465,016,000	15,365,217,000
11S Cemetery Road	5,168,000	10,018,000	9,348,000	11,588,413	7,687,000	84,809,413
11T Barrington Manor	7,160,300	9,004,400	6,070,600	6,389,600	3,702,400	58,093,700
11U Drakes Creek	9,826,000	10,995,900	9,243,000	9,071,800	7,865,500	102,220,200
12 Bluegrass	15,241,000	18,340,000	14,214,000	13,636,000	12,821,000	167.093,000
13 Plano	14,306,000	18,127,000	12,450,000	12,069,000	11,334,000	142,809,000
15 South Alvaton	5,867,000	5,863,000	5,251,000	4,267,000	4,804,000	57,589,000
16 Boyce	4.053.000	3,905,000	3,235,000	3,275,000	3,442,000	40,642,000
17 Highway 240	2,228,000	1,938,000	1,349,000	1,311,000	1,222,000	16,727,000
17A Three Springs	33,884,000	34,262,000	26,695,000	23,141,000	23,990.000	326,557,000
18 Nashville Road	39,603,000	46,799,000	44,781,000	41,318,000	40,414,000	479,342,000
19 Old Highway 31W South	8,258,000	7,121,000	7,417,000	5,588,000	6,526,000	81,120,000
19A Woodburn	3,729,000	3,195,100	4,376,000	2.740,500	2,677,600	37,247,400
20 Grider Pond	8.752.000	7,782,000	8,326,000	6,423,000	7,068,000	84,131,000
21 Highway 68 West	7,543,000	9,154,000	7,932,000	7,473,000	7,268,000	88,366,000
22 Rockfield	4,247,600	4,019,000	4,354,000	3,102,000	3,533,000	49,161,600
23 Fugua Road	3,733,000	3,709,000	3,374,000	2,980,000	2,899,000	38,587,000
24 Highway 231 North	7,889,000	7,834,000	7,610,000	6,899,000	6,324,000	86,122,000
24A Morgantown Road #1	3,894,000	3,718,000	3,978,000	3,106,000	3,271,000	41,376,000
25 Morgantown Road #2	3,496,000	3,438,000	3,519,000	2,961,000	3,006,000	36,796,000
26 Hadley	2,793,000	2,860,000	1,799,700	2,099,000	2,041,000	26,798,700
28 Beech Bend Road	805,700	788,700	816,900	817,300	352,100	6,374,800
29 Briggs Hill	5,186,000	5,368,000	4,713,000	4,249,000	4,581,000	54,482,000
TOTAL - Water Purchased (Northside & West	28U;5972,400	309,325,000	2759,4659,700	249,577,213	243,448,800	? _{U44} ;9375,813
Ψ	ОК	OK	OK	OK	OK	OK

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

	Aug-1	# of Days France	Sep-17 # of Days	Oct-17		Nov-17 # of Days	Dec-17 Well Days	# of Days YTD
BG North #1 @ BGMU WTP Kelly Vance	0020017. 0020017.	30 90/1/ 29 00/1	28	08/00// 08/00/7	34 105	30 29	1 1 31 1 1 33	34
BG North #2 @ BGMU WTP	97/20/17	08/17		09/21/17		3/17	11/02/17	
A Porter Pike	01/7/01/7	30		DR502117	33	30	32	3
Firestone \ Mizpah	07/07/17	29 (1/7)		01/2001	31	32	29	3
Detour Road	TOWNST	28	32	MW2712	32	31	1117017 30	3
Girken	DEFECTION	28		UMG/2717		32	32	3
Richardsville	OTHERT	28		Q0/III4(3)7		30	11(770) 34	3
A Ben Leo	STANT.	28		IMPOUT.		30 5/17 29	1707AV 33 33	3
Sandhill	DEMMAY	28		District Co.			11/02/1/	3
Smith's Grove	20/2007	28 1707		064000177 054077777		30 29	33	3
A Oakland D Hays	07/20/47 07/27/47	28	33	000777FY		30	[144a] 34	3
1 Barren County	177/27	28	32	00000713		701 29	11/20/12 34	3
Cemetery Road @ BGMU		20	O.	Marie Land	0.1		-	
S Cemetery Road	07/28/17	28 08/29	/17 32	09/28/17	30 205	30	34	3
T Barrington Manor	07/28/17	28 08/30	/17 33	09/28/17		32	13/01/1	3
U Drakes Creek	07/31/17	26 08/30		09/29/17		31	33	3
2 Bluegrass	08/01/17	26 09/05		10/02/17		31	13.5M/11 32	3
3 Piano	Q8/92/17	26 09/05		10/03/17		30	12/05/17	3
5 South Alvaton	08/01/17	29 08/31		10/02/17		29	12/04/17 12/06/17 34	3
S Boyce	08/04/17	27 26 09/06		10/04/17		30 30 30	12/06/17 12/06/17 33	
7 Highway 240 A Three Springs	06/03/17 08/07/17	26 <u>09/06</u> 28 <u>09/11</u>		10/04/17		28	12/07/17 31	3
B Nashville Road	08/06/17	27 09/09		10/10/17		29	12/09/17 31	
Old Highway 31W South	08/08/17	27 09/07		10/10/17	33	29	12/11/17 33	3
A Woodburn	08/09/17	27 09/06		10/11/17	33	28	ALLIONAY 31	3
O Grider Pond	08/10/17	28 09/06		10/11/17		28	14 Jan 19 19 19 19 19 19 19 19 19 19 19 19 19	3
1 Highway 68 West	08/10/17	27 09/12		10/12/17		31	30	3
2 Rockfield	06/14/17	31 09/14		10/16/17		29	29	3
3 Fuqua Road	00/14/17	30 09/14	31	10/16/17		4/17 29 15/17 30	30	3
4 Highway 231 North	08/14/17	29 09/18 30 09/18		10/10/17		5/17 30 5/17 29	29 30	
A Morgantown Road #1	<u>08/15/17</u> <u>08/15/17</u>	30 <u>09/15</u> 30 <u>09/15</u>		10/17/17		16/17 30	121417 29	
5 Morgantown Road #2 6 Hadley	08/15/17	29 09/18		10/17/17		6/17 30	30	3
B Beech Bend Road	08/16/17	29 09/16		10/18/17		30	32	3
	08/16/17			10/18/17		29	32	3
Briggs Hill ITER Water Sold (Gals):			33		30	29		Şold YTI
BG North #1 @ BGMU WTP		T 243, 200	1,1400,000		1,007,000		1/0/00	14,426
Kelly Vance		25 m(7) (m)c	J4/675.0		1000000	Company of the Compan	7, 3,00	252,604,
BG North #2 @ BGMU WTP								
A Porter Pike		5,878,940	6,435,900		7,209,440	5,733,260	5,585,620	68,638,
Firestone \ Mizpah		11,005,130	15,101,750		13,863,380	14,512,980	13,595,010	148,987,
Detour Road		4,353,850	4,873,960		4,381,220	4,301,100	3,800,970	49,522,
Girken		1,889,920	2,186,270		1,959,370	1,920,190	1,822,010	21,646,
Richardsville		3,731,390	2,987,850		3,159,040	2,811,460	3,270,090	35,273,
A Ben Leo		1,618,570	1,562,900		1,000,800	1,288,770	1,446,990	17,337,
Sandhill		2,863,580	2,701,340		2,81,1,560	2,374,380	2,798,640	31,970,
Smith's Grove		1,967,300	2),199,590		2,251,130	2,036,710	2,237,860	24,471,
A Oakland		8,068,980	6,501,330		5,682,630	5,324,880	., 8,706,580	64,916,
D Hays		5,288,610	6,198,410		4,946,460	4,436,190	4(838,260	57,187,
		1,148,430	1,291,330		1,231,350	1,104,310	1,115,890	13,237,0
1 Barren County								
1 Barren County Cemetery Road @ BGMU								

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

S:\LEAK DETECTION\Water Loss Reports\WCWD Water Loss\WCWD Water Loss - Prior Years\WCWD Water Loss 2017 \ INPUT
1/8/2019 at 11:37 AM

11T E	Barrington Manor	6,896,660	8,565,910	5,922,500	5,959,920	3,482,590	55,627,290
11U E	Drakes Creek	8,778,299	9,606,250	7,827,580	7,087,220	6,287,350	86,297,350
12 E	Bluegrass	14,418,300	15,825,830	12,222,640	11,490,760	11,230,480	144,551,230
13 F		13,088,670	15,986,810	10,974,750	10,727,000	9,307,670	127,570,060
15 5	South Alvaton	5,390,590	5.062,260	4,825,200	4,070,420	4,482,910	52,517,200
16 E	Boyce	3,852,560	3,646,310	3,119,960	3,034,380	3,170,300	38,454,660
	lighway 240	2,405,420	1,838,280	1,333,220	1,234,380	1,141,690	16,493,770
	Three Springs	34,450,210	34,136,300	25,903,290	23,180,110	23,488,200	313,296,200
	Nashville Road	36,456,920	43,175,530	43,659,130	37,845,420	37,005,200	442,581,700
	Old Highway 31W South	7,384,150	0,218,930	6,567,859	5,670,378	5,889,480	71,012,400
19A V	Voodburn	3,367,930	2,805,930	2,982,950	2,812,190	1,940,840	29,366,700
20 0	Grider Pond	7,924,620	6,894,120	7,299,859	. 5,430,360	5,782,650	74,747,240
21 F	lighway 68 West	7,056,330	7,786,120	6,454,220	6)427,260	0,110,850	77,642,060
	Rockfield	3,962,800	3,697,890	3,981,399	3,049,680	3,210,310	41,625,650
23 F	Fuqua Road	2,698,940	2,606,470	2,027,650	2,109,820	2,187,180	29,715,450
24 F	Highway 231 North	7,563,249	7,257,550	6,989,710	6,517,900	5,890,200	80,556,520
24A N	Morgantown Road #1	3,158,260	2,940,437	2,581,940	2,202,023	2,233,840	30,023,760
25 N	Morgantown Road #2	2,561,320	2,619,710	2,617,980	2,102,420	2,909,180	27,821,500
26 F	Hadley	1,879,910	1,827,060	1,386,970	1,584,980	1,700,810	20,132,440
28 E	Beech Bend Road	769,150	748,820	786,890	786,410	314,370	5,908,810
29 E	Briggs Hill	4,723,460	4,882,960	4,073,220	3,778,730	3,851,110	47,256,440
1	TOTALS - Water Sold	256,966,410	273,392,347	249,925,150	217,166,703	211,385,260	2,665,666,550
							OK

		- LY		p-17		1.67		0647		Direct I	
	Chinal Dans	Ediams	Rhani Gynn	Entlants	Harris Line	Estante	Hann Cath	Birtlante	Med Date	1.03.mm;	#of Leaks YTD
1 BG North #1 @ BGMU WTP	11/0A/10:	MUIU	11204/13	144	(1/64/12		11/0A/13				100
2 Kelly Vance	1227 1917	MIA	00/1507		02/15/17		G2/15/17	194	024217	JLE	100
X BG North #2 @ BGMU WTP							4000000			****	
2A Porter Pike	03/31/17	N/A	03/31/17	N/A	03/31/17	N/A	03/31/17	N/A	03/31/17	N/A	N/
3 Firestone \ Mizpah	02/10/16	N/A	02/10/16	N/A	02/10/16	N/A	02/10/17	N/A	02/10/17	N/A	N/
5 Detour Road	07/17/17	N/A	07/17/17	N/A	07/17/17	N/A	07/17/17	N/A	07/17/17	N/A	- N/
6 Girken	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	04/14/15	N/A	N/
7 Richardsville	12/01/14	N/A	12/01/14	N/A	12/01/14	N/A	12/01/17	N/A	12/01/17	N/A	N/
7A Ben Leo	02/16/16	N/A	02/18/16	N/A	02/18/16	N/A	02/16/16	N/A	02/16/16	N/A	N/
8 Sandhill	05/08/14	N/A	06/08/14	N/A	05/08/14	N/A	05/08/14	N/A	05/08/14	N/A	N/
9 Smith's Grove	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	12/15/16	N/A	N/
9A Oakland	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A	05/02/16	N/A	N
10 Hays	05/27/15	, N/A	05/27/15	NVA	05/27/15	N/A	05/27/15	N/A	05/27/15	N/A	N
11 Barren County	05/22/15	N/A	05/22/16	N/A	05/22/15	NVA	05/22/15	N/A	05/22/15	N/A	N.
X Cemetery Road @ BGMU											
11S Cemetery Road	08/07/09		08/07/09	N/A	08/07/09	N/A	08/07/09	N/A	08/97/09	N/A	N
11T Barrington Manor	n/a	N/A	n/a	N/A	r/a.	N/A	n/a	N/A	n/a	N/A	N
11U Drakes Creek	03/10/17	N/A	03/10/17	N/A	03/10/17	N/A	03/10/17	N/A	03/10/17	N/A	N.
12 Bluegrass	02/25/17	N/A	02/25/17	N/A	02/25/17	N/A	02/25/17	N/A	02/25/17	N/A	N
13 Plano	05/10/06	N/A	05/10/06	. N/A	05/10/06	N/A	05/10/16	N/A	05/10/16	N/A	N
15 South Alvaton	04/28/06	N/A	04/28/06	N/A	04/28/06	N/A	04/28/06	N/A	04/28/06	N/A	N
16 Boyce	04/28/15	N/A	04/28/15	N/A	04/28/15	N/A	04/28/15	NEAA	04/28/15	N/A	N
17 Highway 240	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	04/18/12	N/A	N
17A Three Springs	03/01/09	N/A	03/01/09	NVA	03/01/09	N/A	03/01/09	N/A	03/01/09	N/A	N
18 Nashville Road	03/08/17	N/A	03/98/17	N/A	09/08/17	N/A	03/08/17	NA	03/08/17	N/A	N
19 Old Highway 31W South	02/25/16	N/A	09/25/16	H/A	02/25/16	N/A	02/25/16	AM	02/25/16	N/A	N
19A Woodburn	01/15/15	N/A	01/15/15	NA	01/15/15	N/A	01/15/15	N/A	01/15/15	N/A	N
20 Grider Pond	05/17/16	N/A	08/17/16	N/A	05/17/16	N/A	05/17/16	N/A	05/17/16	N/A	N
21 Highway 68 West	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	04/10/15	N/A	N/

12,647,181

1,770,092

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

22 Rockfield 23 Fuqua Road 24 Highway 231 North

24A Morgantown Road #1 25 Morgantown Road #2

26 Hadley

28 Beech Bend Road 29 Briggs Hill

TOTALS - Leaks Found By Detection

TOTALS - Water for Own Use

ENTER Own Use (Gals):		Page 17	COLUMN TO SERVICE STATE OF THE PERSON STATE OF	1400-17	Dec-17 Own Us	OTV AS
1 BG North #1 @ BGMU WTP	Must-17 B,670	Sep-17	Cartell	1400-17		5,6
2 Kelly Vance	337,810	22.440	-07.100	16,280	1,305,190	1,988,97
X BG North #2 @ BGMU WTP						-
2A Porter Pike	2,269	00,000	NAME AND THE PARTY NAMED IN		3,000	270,42
3 Firestone \ Mizpah			4,000			333,3
5 Detour Road	19,205	2,766	14,526		53,200	763,90
6 Girken			A STATE OF THE STA			354,04
7 Richardsville	282,151	53,600	2,710	1,570	5,000	906,73
7A Ben Leo	11,800		25,500	121,790	91,800	317,2
8 Sandhill		-	3.00 (10.00 (1			7,6
9 Smith's Grove	18,034	16,945	A			162,9
9A Oakland	49,350		8,430			378,19
10 Hays	8,350	13,500	•		7,460	271,9
11 Barren County		9,000	1	7.2501	A Commence of the Commence of	113,2
X Cemetery Road @ BGMU						-
11S Cemetery Road	4.200	-	84,164	287,688		738,24
11T Barrington Manor	33,800	27,480	32,390	58,300	-	114,5
11U Drakes Creek	10,700	179,280	95,246	22,250	24,000	339,1
12 Bluegrass	2,200	4,500	6,000	16,000	2,670	73,7
13 Plano	12,220	59,360	50,970	26,680	65,812	429,8
15 South Alvaton	4,000		V	2,000		39,6
16 Boyce		- 1	- 1	- 1		-
17 Highway 240		53,400	9,987	-	1,000	73,7
17A Three Springs	5,400	96,560	72,705	12,596	27,800	2,718,6
18 Nashville Road	500	28,727				210,3
19 Old Highway 31W South	32,316	2,520	34,827	235,605	-	423,9
19A Woodburn	2,000		2,990		· .	60,4
20 Grider Pond		-	-	7,200	30,250	57,1
21 Highway 68 West			10,500	5,760	17,600	336,3
22 Rockfield	500		<u> </u>		21,300	30,4
23 Fuqua Road	9,600	71,640	9,600	17,650	111,100	392,6
24 Highway 231 North		4,800	-	-		24,9
24A Morgantown Road #1		2,600	36,450	-	-	39,0
25 Morgantown Road #2			*	242,080		250,7
26 Hadley	22,500	23,400	26,145	27,900	* 1	249,9
28 Beech Bend Road		21,000	- 55			43,8
29 Briggs Hill			123,400			125,4

774,184

864,186

1,070,967

874,586

WARREN COUNTY WATER DISTRICT Input - Statistics By Metering Locations For Year 2017

ENTER Accounted For (Gals):						
4 000 11 11 0 000 11 11 17	6uo-17	Esp-U	Qc(-17	May-17	Disc-17	Accounted YTD
1 BG North #1 @ BGMU WTP			-		707 000	100,800
2 Kelly Vance	1A,169	184,000	334,000		201,000	9,559,440
X BG North #2 @ BGMU WTP	diam man	205,690	106.000		2,740,830	9,061,920
2A Porter Pike	499,000	201,000	386,000	119,520	108,480	3,937,440
3 Firestone \ Mizpah	1,260,640	5,921,260		2.275,200	767,520	16,253,820
5 Detour Road	The same of the sa	308.360	1,416,240	The same of the sa		771,600
6 Girken	24,400	1.048.000	117,360	14,400	43,200	
7 Richardsville	The same of the sa	21,000	565,056		496,800	2,851,045 933,888
7A Ben Leo	50,006	47,000	132,960	231,840		
8 Sandhill		-		72,000		1,346,400
9 Smith's Grove	21,000	2,600				1,163,940
9A Oakland	.00,840	2	158,400	480,960	123,840	3,664,080
10 Hays	104,800	538.320		-	180,000	2,707,920
11 Barren County	-	26,100				884,340
X Cernetery Road @ BGMU						•
11S Cemetery Road		362,400	25,920		The state of the s	604,560
11T Barrington Manor			288,900			630,000
11U Drakes Creek	36,000	1,135,080	800,498	199,344	1,022,400	9,256,200
12 Bluegrass	314,400	318,240	82,180		-	3,568,200
13 Plano	771,840	387,360	334,509	369,120	320,400	4,644,240
15 South Alvaton	28,800	165,600	252,000	57,600		708,576
16 Boyce		216,000	-		-	839,520
17 Highway 240			-	-		-
17A Three Springs	122,400	10,800	49,200	720	-	3,450,360
18 Nashville Road			-			6,475,920
19 Old Highway 31W South	692,840	57,600	45,200	28,800	43,200	1,417,200
19A Woodburn	518,400		789.240	5,760	•	3,308,400
20 Grider Pond		72,000	1,717,920	825,120	926,580	3,800,820
21 Highway 68 West	189,720	187,200	1,137,000	108,000	734,700	3,837,840
22 Rockfield	720	111,600	173,100	-	- 1	3,756,960
23 Fuqua Road	56,160	909,600	400,000	14,400		2,641,920
24 Highway 231 North		-	-			108,000
24A Morgantown Road #1	<u> </u>		475,080	259,200	14,400	1,005,480
25 Morgantown Road #2	60,817		416,780	345,800		1,029,037
26 Hadley	6,000	238,840	72,006	30,980		1,638,722
28 Beech Bend Road	- 1	-		-		-
29 Briggs Hill		-814 DBB	172,800			2,252,160
TOTALS - Water Accounted For	6,368,185	13,496,460	10,563,492	5,539,488	7,723,440	108,210,748 OK