RESPONSE TO APPENDIX C

- 1. Please see the attached documents marked C-1: January and February Water Loss Reports.
- 2. A. We first print a report from our telemetry system for the dates required. This report totals the gallons used for each master meter. We then add up the gallons for a grand total purchased. Next we take the billing register and separate the commercial customers from the residential. We then take the totals from each and subtract them from the water purchased. Next we put in our flushing. We have two forms of flushing. We have automatic flushing hydrants and we flush by hand. The automatic flushing hydrants are set up to run for a specific amount of time each day. We take the gallons per minute times the amount of minutes per run, times the amount of run time per day. We then total all the master meters. Additional flushing is logged as it occurs and totaled for the report. We then add the two together for system flushing. We also include the water used by fire departments each month. We on occasion use the other line, this would be if we had sold any water from the hydrants.
 - B. The report is prepared by Chernell Holbrook, Office Manager. The hand flushing is done by Steve Pelfrey, General Manager, Andy Legg, Field Tech, John Coffey, Field Tech, Tim Carver, Field Tech.
 - C. We do not put in any totals for this section. We let the excel spreadsheet calculate itself.
- 3. Yes.
 - A. Please see the attached.
- 4. No.
 - B. Do to turn over in management over the years, this plan has not been completed.
- 5. We have never had a water loss reduction project.
- 6. At this time we do not have any long range Capital Improvement Plans.
- 7. We are currently advertising for an Engineer to help us replace our aging infrastructure.
- 8. Pump Stations Schedule:

The importance of booster pump stations to the daily operation of the system necessitates a proactive maintenance program, which incorporates a preventative and predictive maintenance schedule. Most pump maintenance activities center on checking packing and seals for leakage, preforming maintenance activities on bearings, assuring proper alignment, and validating proper motor condition and function. Morgan County Water District performs maintenance of the pump motors every six months or as needed. We will document and inspection annually.

Water Storage Tank:

Tanks must be inspected at regular intervals to determine if repairs are required and, if so, the exact nature and extent of the work required. Inspection of water tanks is expensive, but

the cost is insignificant compared to the cost of premature failure of the tank. A documented inspection of the tank is conducted annually. A thorough independent inspection is preformed every five years on the entire structure.

- 9. Steve Pelfrey, General Manager uses the SCADA system to monitor the master meter readings. Steve and the 3 Field Techs fix the leaks.
- 10. Yes.
- 11. Water Main Leaks 6 (various sizes), Service Line Leaks 2 (1 inch & 3/4 inch)
- 12. Please see the attached documents.
- 13. No, there is no written policy in place, but the leaks are fixed as they are found.
- 14. We have not purchased any water loss reduction materials.
- 15. The Personal receives training from Steve Pelfrey, General Manager, but none of the training has been documented.
- 16. Monthly a high/low usage report is generated from the billing software for us to verify readings. However there is no written policy.
- 17. Non applicable.
- 18. See attachments.
- 19. We do not have a written policy in place, however all master meters are tested every year. Customer meters are tested upon customer request. We also pull and test meters that have stopped registering.
- 20. 26 meters (See attachment)
- 21. Meters Sensus SRII, MXU Senses, VXU Sensus Radio Read (Model 3600)
- 22. Yes.
- 23. Yes.
- 24. All active meters are read monthly.
- 25. Once employees are hired they are trained on how to read all meters. (manually and by radio)
- 26. Yes, they are broke into zones by master meters.
- 27. No.
- 28. Yes, please find the attached. These reports are provided at every board meeting.
- 29. No deadlines have been set.
- 30. 1. Have a comprehensive leak study done.
 - 2. Rehab service and main lines.
 - 3. Refurnish pump stations.
 - 4. Install more bypass meters.
 - 5. Replace all meters.
- 31. In 2017 the General Manager made \$37,015.00. In 2018 we had a change in General Managers. The combined total was \$44,052.60.
- 32. There is no contract.
- 33. Average is 13.5 years.

- 34. Average is 13.5 years.
- 35. No.
- 36. We send the offender a letter. Please see the attached.
- 37. See attached documentation.
- 38. Our tariff has the following policy: upon written request, leak adjustments will be granted to customer. The customer must provide a plumber's statement or a list of materials showing that he leak has been fixed. After verification of the repairs, the bill will be adjusted by comparing the usage during the leak to the average for the past three billing periods. The customer's bill will be based on two components. The first step will be to calculate the customer's average monthly usage over a three month period. The second step will be to deduct the customers' monthly usage from the total amount of water that passed through the meter. The usage calculated in step one will be billed at the utility's regular rates, while the remaining usage will be charged at the per thousand gallon leak adjustment rate, which is defined as the wholesale rate the district pays its supplier for water. All water passing through the meter must be accounted and paid for by the customer. So the customer will owe the amount of his/her bill plus the per thousand gallon leak adjustment rate for the remainder of the water that passed through the meter.
- 39. We do not adjust late fees off of the leak adjustments. If the customer request a leak adjustment before the bill is due, they must pay the adjusted bill before the due date. If the customer requested an adjustment after the due date the adjustment is calculated and the late fee is then added back onto the bill.
- 40. Please see the attached work sheet.
- 41. No.
- 42. We provide each of the fire departments with the attached form. The form is to be filled out monthly by each of the departments and turned in to the water district.
 - A. See the attachments.
 - B. We call the fire chiefs for their usage.
 - C. We have never penalized a fire department for not turning their usage in.
 - D. See the attachment.
 - E. We rely on documents provided by the fire departments.
- 43. We use our Pitot gauge and multiply by minutes flushed and opening size. We also have automatic flushing hydrants. They are set to flush daily for a specific number of minutes.
- 44. Besides the Automatic flushers, all flushing is done manually. See attachment.
- 45. All flushing records are filed till the end of the month. At the end of the month, the records are entered into the Microsoft Excel spread sheet provided by the Kentucky Rural Water Association. The spreadsheet calculates the water flushed. See the attached.

APPENDIX C

QUESTION 1

14 PAGES

Wate	er Utility:	Morgan	County Water District		
For ti	he Month of:		February	Year:	2019
LINE			ITEM 🚓	GAL	LONS (Omit 000's)
1			RCHASED & DISTRIB	UTED	
2	Water Produced		500		
3	Water Purchase				26,890,490
4		T	OTAL PRODUCED A	ND PURCHASED	26,890,490
5 6	WATER SALES				
7	Residential				100
8	Commercial				8,907,720
9	Industrial				892,040
10	Bulk Loading Sta	tions			Y
11	Wholesale	illo113			
12	Other Sales				
	04.10.			1500	
13			TOTAL	WATER SALES	9,799,760 36.4%
14					50.47
15	OTHER WATER	USED			
16	Utility and/or Wat	er Treatme	ent Plant		
17	Wastewater Plan	t			
18	System Flushing				1,771,663
19	Fire Department				4,000
20	Other				
21			TOTAL OTHER	R WATER USED	1,775,663 6.6%
22			107712071121	CHATEIC COLD	1,773,000 0.076
23	WATER LOSS				
24	Tank Overflows				
25	Line Breaks				
26	Line Leaks				15,315,067
27	Other				
28			то	TAL LINE LOSS	15,315,067 57.0%
29				76 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - 1	
30	Note: Line 13 + L	ine 21 + Li	ne 28 Must Equal Line	4	
31					
32	WATER LOSS PI				10: 10: 10:
33	Unaccounted-For	Water (Lin	e 28 divided by Line 4)		57.0%

Wate	er Utility:	Morgan County Water District		
For t	he Month of:	January	Year:	2019
Jel NE		ITEM 🚊	GALL	ONS (Omit 000's)
1		CED, PURCHASED & DISTRIBUTED	And the second	
2	Water Produced			2.7
3	Water Purchased			24,098,900
4		TOTAL PRODUCED AND PURCH	ASED	24,098,900
5	WATER OALER			
6	WATER SALES			
7 8	Residential Commercial			8,611,100
9	Industrial			893,970
10	Bulk Loading Stat	ions		
11	Wholesale	ions -		
12	Other Sales			
13	1	TOTAL WATER SA	ALES TO THE	9,505,070 39.49
14				0,000,070 05,4
15	OTHER WATER	JSED		
16	Utility and/or Water	r Treatment Plant		
17	Wastewater Plant			
18	System Flushing			1,881,814
19	Fire Department			6,000
20	Other			
21		TOTAL OTHER WATER U	ISED	1,887,814 7.8%
22				1,007,014
23	WATER LOSS			
24	Tank Overflows		2015/1996	SAN DE MERSEN
25	Line Breaks			
26	Line Leaks			12,706,016
27	Other			
28	10	TOTAL LINE L	oss	12,706,016 52.7%
29 30	Note: Line 13 + Line	ne 21 + Line 28 Must Equal Line 4		
31 32	WATER LOSS PE	RCENTAGE		
33		Water (Line 28 divided by Line 4)		52.7%
	The second secon	=, =	THE RESIDENCE OF THE PERSON OF	941170

Water Utility:		Morgan Co	ounty Water District		
For t	he Month of:		November	Year:	2018
LINE	# Tolking to the first of the same		ITEM		
1		ED, PURC	ASED & DISTRIBUT	GALL TED	ONS (Omit 000's)
2	Water Produced				
3	Water Purchased				23,149,910
4		ТОТ	AL PRODUCED AND	PURCHASED	23,149,910
5	10/4 7770 0 1 1 70		palat and according to the second		
6	WATER SALES				
7 8	Residential				8,351,120
9	Commercial Industrial				870,100
10	Bulk Loading Station	000			
11	Wholesale	0115			16,700
12	Other Sales	Walker Co.			
		Trainer Co.			420,000
13			TOTAL W	ATER SALES	9,657,920 41.7%
14	-0.170 Hill				3,031,320 41.77
15	OTHER WATER U		68 4 90		
16	Utility and/or Water	r Treatment	Plant		8% N E 4 E
17	Wastewater Plant				
18	System Flushing				4,824,098
19 20	Fire Department Other				6,500
20	Other				
21			TOTAL OTHER	WATER USED	4,830,598 20.9%
22				W. I. L. C. GOLD	4,030,330 20.9%
23	WATER LOSS				
24	Tank Overflows				
25	Line Breaks				
26	Line Leaks				8,661,392
27	Other .				
28			ТОТА	L LINE LOSS	8,661,392 37.4%
29 30	Note: Line 13 + Lin	e 21 + Line 2	28 Must Equal Line 4		0.17/0
31 32	WATER LOSS PER				
33	Unaccounted-For W		R divided by Line 4\	Belleville and the second	
		Jenno El	- divided by Lille 4)		37.4%

Wate	Vater Utility: Morgan County Water District				
For t	he Month of:	October Year:	2018		
LINE	# ***	ITEM GA	ALLONS (Omit 000's)		
1	WATER PRODU	CED, PURCHASED & DISTRIBUTED	ALLONS (Office out 8)		
2	Water Produced		C. C		
3	Water Purchased		21,024,210		
4		TOTAL PRODUCED AND PURCHASED	21,024,210		
5					
6	WATER SALES				
7	Residential		9,084,280		
8	Commercial		655,390		
9	Industrial	8 8 8	2-0-11		
10	Bulk Loading Stat	tions			
11	Wholesale		- 1		
12	Other Sales				
13		TOTAL WATER SALES			
14		TOTAL WATER SALES	9,739,670 46.3%		
15	OTHER WATER	USED			
16		er Treatment Plant			
17	Wastewater Plant	Trousholler lane			
18	System Flushing		4,720,828		
19	Fire Department		4,720,028		
20	Other		4,500		
21		TOTAL OTHER WATER USED	4 705 200		
22		TOTAL OTHER WATER OSED	4,725,328 22.5%		
23	WATER LOSS				
24	Tank Overflows				
25	Line Breaks				
26	Line Leaks		6,559,212		
27	Other		0,000,212		
28		TOTAL LINE LOSS	6,559,212 31.2%		
29 30 31	Note: Line 13 + Li	ne 21 + Line 28 Must Equal Line 4	01,070		
32	WATER LOSS PE	[1] () - [1] - [
33	Unaccounted-For \	Water (Line 28 divided by Line 4)	31.2%		

Water Utility:		Morgan County Water District	
For t	the Month of:	September Year:	2018
LINE	#	ITEM GA	ALLONG (GH agg)
1	the state of the s	CED, PURCHASED & DISTRIBUTED	ALLONS (Omit 000's)
2	Water Produced	, and the state of	
3	Water Purchased	1	23,672,720
4	, etc	TOTAL PRODUCED AND PURCHASED	23,672,720
5	100		20,072,720
6	WATER SALES		
7	Residential		8,275,770
8	Commercial		644,870
9	Industrial		3,4,5,0
10	Bulk Loading Stat	tions	4,000
11	Wholesale		
12	Other Sales	Walker	105,400
13		TOTAL WATER SALES	9,030,040 38.1%
14	A=11== 1411====		
15	OTHER WATER		
16	Utility and/or Wate	er Treatment Plant	
17	Wastewater Plant		
18	System Flushing		4,789,655
19 20	Fire Department		21,000
20	Other		
21		TOTAL OTHER WATER USED	4,810,655 20.3%
22			10101000 20.0%
23	WATER LOSS		
24	Tank Overflows		
25	Line Breaks		
26	Line Leaks		9,832,025
27	Other		0,002,020
28		TOTAL LINE LOSS	9,832,025 41.5%
29 30 31	Note: Line 13 + Li	ne 21 + Line 28 Must Equal Line 4	
32	WATER LOSS PE		
33	Unaccounted-For \	Water (Line 28 divided by Line 4)	41.5%

Water Utility: For the Month of:		Morgan County Water District		
		August	Year:	2018
LINE	#	ITEM	GALLONS (Om	it 000's)
1	WATER PRODUC	CED, PURCHASED & DISTRIBUTED		
2	Water Produced			
3	Water Purchased			930,330
4		TOTAL PRODUCED AND PURCH	ASED 19	930,330
5		25		
6	WATER SALES			
7	Residential	50 to 10 150 to	9,	128,330
8	Commercial			615,020
9	Industrial			
10	Bulk Loading Stat	ions		
11	Wholesale			00.000
12	Other Sales	Hinkle		20,600
13		TOTAL WATER S	ALES 9	763,950 49.0%
14				The same of the sa
15	OTHER WATER	USED		
16	Utility and/or Water	er Treatment Plant		
17	Wastewater Plant			
18	System Flushing		4	947,284
19	Fire Department			37,000
20	Other			
_			uoen (004 004 05 00
21		TOTAL OTHER WATER	USED 4	984,284 25.0%
22	144EED 000			
23	WATER LOSS			
24	Tank Overflows			
25	Line Breaks		5	182,096
₂₇ 26	Line Leaks	AE3		102,030
27	Other			
28		TOTAL LINE	LOSS 5	182,096 26.0%
29	· · · · · · · · · · · · · · · · · · ·			
30	Note: Line 13 + L	ine 21 + Line 28 Must Equal Line 4		
31				
32	WATER LOSS PI			
33	Unaccounted-For	Water (Line 28 divided by Line 4)		26.0%

Water	r Utility:	Morgan County Water District			
For th	e Month of:	July	Year:	2018	
LINE #	The second secon	ITEM	GALL	ONS (Omit 000's)	
1	the state of the s	CED, PURCHASED & DISTRIBUTED			
2	Water Produced				
3	Water Purchased	TOTAL BRODUCED AND DUDG	OLIA OED	20,158,960	
4		TOTAL PRODUCED AND PURC	CHASED	20,158,960	
5 6	WATER SALES				
7	Residential		<u> </u>	0.554.600	
8	Commercial			8,551,680 465,050	
9	Industrial			460,000	
10	Bulk Loading Stati	ons			
11	Wholesale				
12	Other Sales	Hinkle & Walker Companies		53,700	
13		TOTAL WATER	SALES	9,070,430 45.	.0%
14				The second secon	
15	OTHER WATER I	JSED			
16	Utility and/or Wate	r Treatment Plant	- Italiwa		
17	Wastewater Plant				
18	System Flushing				
19	Fire Department			24,500	
20	Other			3,993,156	
•		IDENTIFY OTHER USE	14.000 8 16		
21		TOTAL OTHER WATE	RUSED	4,017,656 <mark>19</mark> .	.9%
22	IMATED LOGO				
23	WATER LOSS				
24	Tank Overflows				
25	Line Breaks			7.070.074	
26 27	Line Leaks			7,070,874	
21	Other				
28	£3; ==	TOTAL LIN	E LOSS	7,070,874 35.	1%
29	A				
30	Note: Line 13 + Li	ne 21 + Line 28 Must Equal Line 4			
31					
32	WATER LOSS PE				
33	Unaccounted-For	Water (Line 28 divided by Line 4)		35.1%	

Utility:	Morgan County Water District	
e Month of:	June Year:	2018
		ONS (Omit 000's)
WATER PRODUC	CED, PURCHASED & DISTRIBUTED	
The second second		04 457 700
Water Purchased	TOTAL PROPUSED AND DURCHASED	21,457,760 21,457,760
	TOTAL PRODUCED AND PURCHASED	21,457,100
WATED CALES		
		9,984,390
1		667,120
	ions	
		External Publication (Control of the Control of the
Other Sales		
	TOTAL WATER SALES	10,651,510 49.6%
·	¥58	
		0.057.540
		3,857,519
		55,500
Other		
	TOTAL OTHER WATER USED	3,913,019 18.2%
WATER LOSS		
Tank Overflows		
Line Breaks		218,000
Line Leaks		6,675,231
Other		
	TOTAL LINE LOSS	6,893,231 32.1%
87		
Note: Line 13 + L	ine 21 + Line 28 Must Equal Line 4	
Unaccounted-For	Water (Line 28 divided by Line 4)	32.1%
	WATER PRODUCE Water Produced Water Purchased WATER SALES Residential Commercial Industrial Bulk Loading Stat Wholesale Other Sales OTHER WATER Utility and/or Wate Wastewater Plant System Flushing Fire Department Other WATER LOSS Tank Overflows Line Breaks Line Leaks Other Note: Line 13 + L WATER LOSS Pl	Month of: June Year: ITEM

Water	r Utility:	Morgan County Water District		
For th	e Month of:	May	Year:	2018
1 01 111				
energy-life		!TEM	GALLO	ONS (Omit 000's)
LINE #	WATER PRODUC	CED, PURCHASED & DISTRIBU	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The state of the s
2	Water Produced	, , , , , , , , , , , , , , , , , , , ,		
3	Water Purchased			22,234,580
4		TOTAL PRODUCED AN	D PURCHASED	22,234,580
5				
6	WATER SALES			
7	Residential			8,850,020
8	Commercial			744,680
9	Industrial			× = 1
10	Bulk Loading Stat	tions		
11	Wholesale			36,000
12	Other Sales	Jag Inc		30,000
40		TOTAL	WATER SALES	9,630,700 43.3%
13		TOTAL	WATER COLLEGE	
14	OTHER WATER	HSED		
15 16	Utility and/or Mat	er Treatment Plant		
17	Wastewater Plan			
18 :	System Flushing	·		3,606,215
19	Fire Department			44,000
20	Other			
20	Outo			
21		TOTAL OTHE	R WATER USED	3,650,215 16.49
22				
23	WATER LOSS			
24	Tank Overflows			
25	Line Breaks			0.000.005
26	Line Leaks			8,953,665
27	Other			
		TC	TAL LINE LOSS	8,953,665 40.39
28		10	TAL LINE LOOP	The second second
29 30	Note: Line 13 +	Line 21 + Line 28 Must Equal Lin	e 4	
31				
32	WATER LOSS P	PERCENTAGE	A)	40.3%
33	Unaccounted-Fo	r Water (Line 28 divided by Line	4)	40.370

LINE #	Wate	r Utility:	Morgan County Water District		
WATER PRODUCED, PURCHASED & DISTRIBUTED	For th	e Month of:	April	Year:	2018
WATER PRODUCED, PURCHASED & DISTRIBUTED					0.10.10
Water Produced Water Purchased 24,481,020 Water Purchased TOTAL PRODUCED AND PURCHASED 24,481,020	LINE	•		GALL	ONS (Omit 000 s)
Water Purchased			CED, PURCHASED & DISTRIBUTED		
## TOTAL PRODUCED AND PURCHASED 24,481,020					24 481 020
## TOTAL TREST TOTAL UNITED		Water Purchased	TOTAL PRODUCED AND PUR	CHASED	
Residential 7,792,890 668,350			TOTAL PRODUCED AND LOS	(0) 81028	
Residential 7,792,890		WATER OALES			
Residential Commercial Bulk Loading Stations					7,792,890
Industrial Bulk Loading Stations Wholesale Other Sales Campton 53,000		1			
Bulk Loading Stations					
11			tions		
12 Other Sales Campton 53,000 13					
TOTAL WATER SALES 8,514,240 34.8% OTHER WATER USED Utility and/or Water Treatment Plant Wastewater Plant System Flushing Fire Department Other TOTAL OTHER WATER USED 3,756,210 37,000 20 Other TOTAL OTHER WATER USED 3,793,210 15.5% WATER LOSS Tank Overflows Line Breaks Line Breaks Line Leaks Other TOTAL LINE LOSS TOTAL LINE LOSS 12,173,570 49.7% WATER LOSS PERCENTAGE			Campton		53,000
15 OTHER WATER USED 16 Utility and/or Water Treatment Plant Wastewater Plant System Flushing Fire Department Other 17 TOTAL OTHER WATER USED 28 WATER LOSS 29 Tank Overflows Line Breaks Line Leaks Other TOTAL LINE LOSS 10 15.5% 49.7% 49.7% WATER LOSS PERCENTAGE	122			100 (80)	
14 15 OTHER WATER USED 16 Utility and/or Water Treatment Plant 17 Wastewater Plant 18 System Flushing 19 Fire Department 20 Other 21 TOTAL OTHER WATER USED 22 WATER LOSS 23 WATER LOSS 24 Tank Overflows 25 Line Breaks 26 Line Leaks 27 Other 28 TOTAL LINE LOSS 29 30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE	13		TOTAL WATE	ER SALES	8,514,240 34.89
15 OTHER WATER USED 16 Utility and/or Water Treatment Plant 17 Wastewater Plant 18 System Flushing 19 Fire Department 20 Other 21 TOTAL OTHER WATER USED 22 WATER LOSS 23 WATER LOSS 24 Tank Overflows 25 Line Breaks 26 Line Leaks 27 Other 28 TOTAL LINE LOSS 29 30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE					
Wastewater Plant System Flushing Fire Department Other TOTAL OTHER WATER USED 3,793,210 15.5%					
System Flushing 3,756,210 37,000	16	Utility and/or Wat	er Treatment Plant		V L
19 Fire Department 37,000	17		t		0.750.040
TOTAL OTHER WATER USED 3,793,210 15.5%	18				
TOTAL OTHER WATER USED 3,793,210 15.5% WATER LOSS Tank Overflows Line Breaks Line Leaks Other TOTAL LINE LOSS 12,173,570 49.7% Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 WATER LOSS PERCENTAGE	19				37,000
22 23 WATER LOSS 24 Tank Overflows Line Breaks Line Leaks Other 28 TOTAL LINE LOSS Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE	20	Other		_	
22 23 WATER LOSS 24 Tank Overflows Line Breaks Line Leaks Other 28 TOTAL LINE LOSS Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE			TOTAL OTHER WAT	rep ligen	3 793 210 15.59
23 WATER LOSS 24 Tank Overflows 25 Line Breaks 26 Line Leaks 27 Other 28 TOTAL LINE LOSS Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE			TOTAL OTHER WAT	EK OSED	CJACIJAC
Tank Overflows Line Breaks Line Leaks Other TOTAL LINE LOSS Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 WATER LOSS PERCENTAGE			<i>r</i> :		
Line Breaks Line Leaks Other TOTAL LINE LOSS 11,513,570 49.7% Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 WATER LOSS PERCENTAGE					
25 Line Breaks 26 Line Leaks 27 Other 28 TOTAL LINE LOSS 12,173,570 49.7% 29 30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE		107			660,000
27 Other 28 TOTAL LINE LOSS 12,173,570 49.7% 29 30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE		2			
TOTAL LINE LOSS 12,173,570 49.7% Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 WATER LOSS PERCENTAGE		T C			
29 30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE	27	Other		_	
Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE	28		TOTAL L	INE LOSS	12,173,570 49.7
30 Note: Line 13 + Line 21 + Line 28 Must Equal Line 4 31 32 WATER LOSS PERCENTAGE					
31 32 WATER LOSS PERCENTAGE		Note: Line 13+	Line 21 + Line 28 Must Equal Line 4		
32 WATER LOSS PERCENTAGE			·		
33 If Inaccounted-For Water (Line 28 divided by Line 4) 49.7%		WATER LOSS P	PERCENTAGE		
DO TOUROUGHINGE OF TYGES (SAILS - T - TITLE -)	33	Unaccounted-Fo	r Water (Line 28 divided by Line 4)		49.7%

Water	r Utility:	Morgan County Water District		
For the Month of:		March	Year:	2018
LINE #		ITEM	GALL	ONS (Omit 000's)
1	WATER PRODU	CED, PURCHASED & DISTRIBUTED		
2	Water Produced	(4.2.1)		
3	Water Purchased			21,668,570
4		TOTAL PRODUCED AND PURC	HASED	21,668,570
5				
6	WATER SALES			7 420 700
7	Residential			7,130,790 606,110
8	Commercial			000,110
9	Industrial	tions		2 XV X2 00 00
10 11	Bulk Loading Sta Wholesale	MONS		0 1/2
12	Other Sales			
12	Oulei Sales			
13		TOTAL WATER	SALES	7,736,900 35.79
14			And the same of th	
15	OTHER WATER	USED	2-24-12	
16	Utility and/or Wa	ter Treatment Plant		
17	Wastewater Plan	t		
18	System Flushing			3,732,856
19	Fire Department			8,350
20	Other			
			LINES CONTRACTOR	2 744 200
21		TOTAL OTHER WATER	K USED	3,741,206 17.39
22				
23	WATER LOSS			
24	Tank Overflows			(A) (A)
25	Line Breaks			10,190,464
26	Line Leaks			10, 130,404
27	Other			ALEX CV
28		TOTAL LINE	E LOSS	10,190,464 47.09
29			And the second	
30	Note: Line 13 +	Line 21 + Line 28 Must Equal Line 4		
31				
32	WATER LOSS F	PERCENTAGE		
33		r Water (Line 28 divided by Line 4)		47.0%

Water Utility:		Morgan County Water District			
For the Month of:		February Year:	2018		
1 1512 4		ITEM G	ALLONS (Omit 000's)		
LINE #	WATER PRODUC	CED, PURCHASED & DISTRIBUTED			
2	Water Produced				
3	Water Purchased		28,443,440		
4	TVGCO I GIONGO	TOTAL PRODUCED AND PURCHASED	28,443,440		
5					
6	WATER SALES		8		
7	Residential		7,965,220		
8	Commercial		712,820		
9	Industrial				
10	Bulk Loading State	ions	I		
11	Wholesale				
12	Other Sales	Frenchburg	1,000		
	1				
13		TOTAL WATER SALES	8,679,040 30.5%		
14					
15	OTHER WATER				
16		er Treatment Plant			
17	Wastewater Plant		0 000 000		
18	System Flushing		3,926,688		
19	Fire Department		13,500		
20	Other				
		TOTAL OTHER WATER HOER	3,940,188 13.9%		
21		TOTAL OTHER WATER USED	3,940,100 13.97		
22	S				
23	WATER LOSS				
24	Tank Overflows				
25	Line Breaks		15,824,212		
26	Line Leaks		10,024,212		
27	Other				
28		TOTAL LINE LOSS	15,824,212 55.6%		
29					
30	Note: Line 13 + I	ine 21 + Line 28 Must Equal Line 4			
31	140te. Lille 10 · L	and the state of t			
32	WATER LOSS P	ERCENTAGE			
33		Water (Line 28 divided by Line 4)	55.6%		

Water Utility:		Morgan County Water District		
For the Month of:		January	Year:	2018
			0711	ONO (O
LINE #	WATER RECEIVE	ITEM CED, PURCHASED & DISTRIBUTED	GALL	ONS (Omit 000's)
1	Water Produced	CED, PURCHASED & DISTRIBUTED		
2	Water Produced Water Purchased			29,271,160
3 4	vvaler Purchaseu	TOTAL PRODUCED AND PURCH	ASED TO SEE	29,271,160
5		TOTAL TROBUGES PAID TO RECE		
6	WATER SALES			
7	Residential			11,196,380
8	Commercial			613,660
9	Industrial			- 2
10	Bulk Loading Stat	tions		2
11	Wholesale			
12	Other Sales			A COLUMN TO THE REAL PROPERTY.
13		TOTAL WATER S	SALES TO THE	11,810,040 40.39
14		.01712 10711 2171	The second second	
15	OTHER WATER	USED		
16		er Treatment Plant		
17	Wastewater Plan			
18	System Flushing			3,872,091
19	Fire Department			21,500
20	Other			
24		TOTAL OTHER WATER	USED	3,893,591 13.39
21 22		TOTAL OTHER WATER	GOLD	
23	WATER LOSS			
24	Tank Overflows			
25	Line Breaks	-e		
26	Line Leaks			13,567,529
27	Other			
		TOTAL LINE	1 000	13,567,529 46.49
28		TOTAL LINE	LU33	10,001,020
29	Alata, 15-a 40 + 1	ine 24 ± Line 29 Must Equal Line 4		
30	Note: Line 13+1	ine 21 + Line 28 Must Equal Line 4		
31	WATER LOSS P	EDCENTAGE		
32			CANAL STATE	46.4%
33	IUnaccounted-Fol	Water (Line 28 divided by Line 4)		701770

vvater	Othity:	Morgan County Water District		
For the	e Month of:	December	Year:	2018
LINE#	92	ITEM	GALL	ONS (Omit 000's)
1	WATER PRODUC	ED, PURCHASED & DISTRIBUTED		
2	Water Produced			
3	Water Purchased		20 17 19 10	22,825,190
4		TOTAL PRODUCED AND PURC	HASED	22,825,190
5				
6	WATER SALES			
7	Residential			7,161,870
8	Commercial			613,340
9	Industrial			
10	Bulk Loading Stati	ons		
11	Wholesale			
12	Other Sales			
13		TOTAL WATER	SALES	7,775,210 34.1
14	2 2 323			
15	OTHER WATER	USED		
16	Utility and/or Water	er Treatment Plant		
17	Wastewater Plant	- i i		
18	System Flushing	♥		4,676,871
19	Fire Department			1,000
20	Other			
21		TOTAL OTHER WATE	R USED	4,677,871 20.5
22				The second secon
23	WATER LOSS			
24	Tank Overflows	4	SYST.	
25	Line Breaks			
26	Line Leaks			10,372,109
27	Other			
28		TOTAL LIN	FLOSS	10,372,109 45.4
29		IOIAL LIN	_ 1000	10,01 11,100 40.5
30	Note: Line 13 ± 1	ine 21 + Line 28 Must Equal Line 4		
31	Hote. Line 13 T L	and 21. Line 20 must Equal Line 4		
32	WATER LOSS PI	ERCENTAGE		
33	The second secon	Water (Line 28 divided by Line 4)	No.	45.4%
33	Chaccounted-1 Of	Traisi (Line 20 divided by Line 4)	No. of the last of	45.470

APPENDIX C

QUESTION 3 - A

4 PAGES

MORGAN COUNTY WATER DISTRICT 1009 Hwy 172 West Liberty, KY 41472

WATER LOSS CONTROL PROGRAM

March 21, 2019

The Morgan County Water District is concerned about reducing our water loss in order to provide quality water and better water service at the lowest cost.

Following is an outline of steps we intend to take to accomplish this:

We have changed out all of our meters and have adapted them to radio reads. To assure accuracy of all meters, when the meters come of age we will test master wholesale meters and residential meters in accordance with PCS regulations, 807 KAR 5:066 Section 15(2)(a):

Meters will be tested and changed out as necessary to assure customer meters are accurate which will maximize revenue to our District.

The wholesale master meters are tested yearly.

We monitor our SCADA system daily to confirm the amount of water that is purchase through each master meter. We receive a reading from the supplier on each master meter to compare with our reading to ensure that the numbers are accurate.

Our leak detection program will help us better be able to calculate our water loss monthly. Further our system will be divided into sub-sections in order to prioritize leak detection efforts. Sections with the greatest water loss will be priority when searching for leaks. Wholesale master meters will be read regularly to help us identify potential areas of water loss. We will utilize existing creek crossings, monitor meters, etc to isolate sections of the District's line with potential leaks. Additional monitor meters will be installed as revenue becomes available to cover the entire distribution system.

Storage tank locations are considered to be prime locations for a monitor meter in order to reach the largest geographical areas of the District with the least effort.

The Morgan County Water District manager and operators attend training classes to learn about new and innovative ways to help determine areas where water loss may occur and repairs of

leaks. Some of these trainings are held by Kentucky Rural Water Association and Pride. We are currently training a new employee from another water system that currently has a Class One Distribution license. He can test for his Class Two Distribution license this fall.

At this point, we are a relatively young water system and we plan to use asset management to prioritize infrastructure replacement. We plan to use our computer billing system to compare consumption in specific areas to the master meters for the respective areas.

We have telemetry on every water storage tank and are able to monitor more closely their usage patterns from a central location.

Telemetry can be used to track run time for the various pumping stations. Information generated through this telemetry system will be utilized to identify areas of potential concern for water loss.

We will communicate with other utilities and contractors in the area to avoid line breaks. Our number is listed in the local phone directory. In addition, we work closely with the local dispatcher's office who operate 24/7; they have phone numbers and cellular numbers of staff for emergency situations. District staff estimate water loss when a contractor cuts into one of our lines and we bill them accordingly.

We have four field staff who are on call 24/7. Our employees are familiar with our service area and can respond to emergency situations in a timely manner.

While working in the distribution system and especially during meter readings, employees will be on the lookout for any water theft by any unauthorized user. They will observe inactive meter boxes and hydrants that have had abnormal use. Volunteer fire departments are given information on location of flush hydrants within the system. We solicit monthly reports from the Fire Departments in the county which estimate the gallons they

have used during that month for fire protection. We encourage our customers to notify us when they suspect a leak in their area so that we may investigate and correct the problem if, in fact, there is a leak. These notifications are printed on the customer bills.

In summary we plan to do our very best to monitor our system and take the necessary steps to account for water loss.

We have implemented this Water Loss Control Plan and will send a water loss report monthly to Public Service Commission.

By minimizing our water loss, we will improve revenue for our distribution system.

APPENDIX C

QUESTION 12

47 PAGES

WORK ORDER

7053 Order Date

Status

Scheduled

Order Type

8/27/2018

Name

0013-05220-001

Fraley, Carl

Address Telephone

METER#

Account #

Yocum Rd.

743-3508

B14375167

ERT/INTERNAL ID#

Job #

29032

READING

LOCATOR TAG

65609748

As soon as possible 08/27/18 02:06 PM

Check for Leak at Meter Base

READING IN / OUT

WT 70703216 Description

Comment

ted By

8127118 Time 2:30

Requested By	Assigned To	Comple
Start Date 8 1271 /8	Time <u>2</u> : <u>19</u>	Completed Date
Make	Size/Type	Multiplier
Notes		
Change	d 5 Tube	
N		
OFF ON	LOCKED	
REGULATOR: TYPE/_		
SET PSIG/ SPF	R RANGE/	
PIPE: PLASTIC STE	EEL LENGTH FT. SIZE	
TEST PRESSUREP	SIG. LENGTH OF TEST HR./MIN.	
FAILURES CORRECTED	RETESTED TESTED BY	
JOINTING PROCEDURE: () FL	JSION () SOCKET () WELD () MECHANICAL	
CATHODIC PROTECTED: () Y	ES () NO READING(STEEL ONL	Y)
TAPPING TEE: () FUSION	X () WELD X () MECHANICAL	
SIZE DEPTH	TYPE	
CONDITION OF ADJOINING PIPE	E:	
PIPE INSPECTED PRIOR TO BA	CKFILLING: () YES () NO	
MAIN LOCATEDFT	FROM CENTER LINE ON NSEW SIDE OF STREET (C	ircle one)
SNIFF TEST: () NONE () S	LIGHT () DISTINCT () VERY DISTINCT	
CUSTOMER BILLING: CENTERL	LINE TO RISER FT. () SERVICE CALL	
) METER TIE IN () CONVE	ERSION () SER LINE RELOCATION HRS	
) OTHER		

SIGNATURE _

JC

Morgan County Water District WORK ORDER Order Number _____ Scheduled ____/___:___:___: Name Job# Address Requested By ___ - Assigned To _ ERT/INTERNAL ID# READING LOCATOR TAG **READING IN / OUT** Start Date 8 13/1/8 Time 12:45 Completed Date 8 13/1/8 Time 1:01 Make Size/Type Multiplier Notes Replaced meder bottom and ON_____LOCKED ____ REGULATOR: TYPE ____/__ MAKE ____/__ ORIFICE ___/__ ____/___ SPR RANGE ____/__ PIPE: PLASTIC ______ STEEL _____ LENGTH _____ FT. SIZE _____ TEST PRESSURE ______ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____ SIGNATURE AL, JC

() OTHER _____

WORK ORDER

7098

9/4/2018

Account #

0001-01340-001

Name

Order Date Status

Address

Easterling, Donna

As soon as possible Scheduled 09/04/18 08:19 AM

Telephone

144 Brushy Fork West Liberty, KY 41472

Job#

Order Type

Check for Leak at Meter Base

743-7736

1 -1 - p. 1 - 1 - 1 - 1 - 0 - 0	000 #		•	ider lybe Cuc	CK IUI LEAK AL MIE	ter base
METER#	ERT/INTERNAL ID#	READING	LOCATOR 1	TAG .	READING IN	OUT
WT 70702266	B14376428	31210	65608798			
Description Comment						
Requested By	Δ	ssigned To		Comple	ted By	
	1 Time £:70	asigned 10		Completed Date		Time (7
	<u> </u>		· ·	completed bate		mie <u>((</u> : <u>3</u>
Make	Siz	ze/Type	_	Multiplier		
Notes				•		
	noter botta	## ·				*
OFF	ON L	OCKED				
REGULATOR: TYPE/_	MAKE/	ORIFICE/				
SET PSIG/						
PIPE: PLASTIC	STEEL LENGTH	HFT. SI	ZE			
TEST PRESSURE	_ PSIG. LENGTH OF TE	ST HR./	MIN.			
FAILURES CORRECT	ED RETESTED	TESTED BY	<u> </u>	_		
JOINTING PROCEDURE: () FUSION () SOCKET	() WELD () M	ECHANICAL			
CATHODIC PROTECTED: () YES () NO READIN	1G	(STEEL ONLY)			
TAPPING TEE: () FUS	IONX () WELDX ()	MECHANICAL				
SIZE DEPTH	TYPE					
CONDITION OF ADJOINING	PIPE:					
PIPE INSPECTED PRIOR TO	BACKFILLING: () YES	() NO				
MAIN LOCATED	FT. FROM CENTER LINE (ON NSEW SIDE	OF STREET (circle	one)		
SNIFF TEST: () NONE () SLIGHT () DISTINCT	() VERY DISTIN	NCT			
CUSTOMER BILLING: CENT	ERLINE TO RISER	FT. () SEF	RVICE CALL			
() METER TIE IN () CO	NVERSION () SER LINE	RELOCATION HRS	·			
\ OTHER						

WORK ORDER

Account # 0006-05320-001 Name Dulen, Donna

631 Coon Run Rd.

Telephone 743-4859 Job#

7111 Order Date

> Status Scheduled

As soon as possible 09/11/18 12:42 PM

9/11/2018

Check for Leak at Meter Base Order Type

METER# ERT/INTERNAL ID# READING **LOCATOR TAG READING IN / OUT** WT 70702912 B14374854 24114 65609444 Description

Comment

Address

Requested By **Assigned To** Completed By Start Date Time ___: _ Completed Date 9 1/31/15 Time /2:00

Make Size/Type Multiplier **Notes**

		•			
OFF	ON LC	OCKED	Cristomer at	Said, Sh	than D
REGULATOR: TYPE/_	MAKE/	ORIFICE/	I a leak at	- har he	niga.
SET PSIG/	SPR RANGE/			110. 110	1
PIPE: PLASTIC	STEEL LENGTH	FT. SIZE _			

TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN.

FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY)

TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____

CONDITION OF ADJOINING PIPE: ___

PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______FT: () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS

() OTHER _____

WORK ORDER

7116

Order Date

Account# Name Address

0003-00732-001 Harper, Morganne 1783 Murphy Fork

Status Scheduled 9/13/2018

As soon as possible 09/13/18 02:43 PM

743-2867

Telephone Job# Order Type Check for Leak at Meter Base **METER# ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 84269909 B15449355 790 Description Comment Requested By **Assigned To** Completed By Start Date 9 1/3/1/8 Completed Date 9 1/31/8 Time 3 : / Time 3 : 00 Make Size/Type **Notes** OFF _____ ON____LOCKED REGULATOR: TYPE ____/___ MAKE ____/__ ORIFICE ___/__ ____/___ SPR RANGE ____/___ PIPE: PLASTIC ______ STEEL _____ LENGTH ____ FT. SIZE ____ TEST PRESSURE _____ PSIG. LENGTH OF TEST ____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS ___

() OTHER _____

SIGNATURE

WORK ORDER

Account # 0003-01
Name Hall, Ro

0003-01642-002 Hall, Robert

Address 14691 Hwy. 460 W

Status Scheduled

7122

Order Date

9/17/2018

As soon as possible 09/17/18 03:27 PM

Telephone (937) 369-5934 Job # Order Type Reported Leak other than self METER# **ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 70703497 B14377918 49144 65610029 Description Comment Requested By **Assigned To Completed By** Start Date Time : Completed Date Make Size/Type Multiplier **Notes** ON____ LOCKED ____ REGULATOR: TYPE ____/ MAKE ____/_ ORIFICE ___/ SET PSIG ____/__ SPR RANGE / PIPE: PLASTIC ______ STEEL _____ LENGTH _____ FT. SIZE _____ TEST PRESSURE ______ PSIG. LENGTH OF TEST ____ FAILURES ____ CORRECTED ___ RETESTED ___ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____ (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS __ () OTHER _____

WORK ORDER

7266

Account # 0008-09480-001 Name

Colyer, Coty

Order Date 10/12/2018 Status

Address

594 Perry Rd.

Scheduled

As soon as possible 10/12/18 01:41 PM

Telephone (513) 600-9777 Job #	ler Type Check for Leak at Meter Base
METER# ERT/INTERNAL ID# READING LOCATOR TAK	
WT 81870111 B15413828 311	G READING IN / OUT
Description	
Comment Requested By Assigned To	
	Completed By
Start Date 10 1/3 1/8 Time 3 : 50 Con	mpleted Date 10 1/3 1/6 Time 2 : C
Make Size/Type	Multiplier
140103	
Charged meler Bottom	
OFF ON LOCKED	
REGULATOR: TYPE/ MAKE/ ORIFICE/	
SET PSIG/ SPR RANGE/	
PIPE: PLASTIC STEEL LENGTH FT. SIZE	
TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN.	,
FAILURES CORRECTED RETESTED TESTED BY	
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL	
CATHODIC PROTECTED: () YES () NO READING(STEEL ONLY)	
TAPPING TEE: () FUSION X () WELD X () MECHANICAL	
SIZE DEPTH TYPE	
CONDITION OF ADJOINING PIPE:	
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO	
MAIN LOCATED FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one)	
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT	
CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL	
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS	
() OTHER	
SIGNATUREUC	-

WORK ORDER

Account# 0008-09480-001 Name Colyer, Coty Address 504 Perry Rd

Order Date 10/31/2018

Status

7295

As soon as possible

	any itu.		Scheaulea	10/31/18 02:33 PM	
Telephone (513) 6	600-9777 Job#		Order Type	Check for Leak at M	leter Base
METER#	ERT/INTERNAL ID#	READING	LOCATOR TAG	READING IN	/ OUT
WT 81870111	B15413828	1628	<u> </u>		1457
Description Comment					
Requested By		Assigned To	(Completed By	
Start Date 10/31	/18 Time 3:05			Date /0/3/1/8	Time 3 : 08
			•		
Make	. /	ze/Type	Mu	ltiplier	
Notes	NO 159	K found			
	<u>. </u>				
OFF	ON L	OCKED			
	/ MAKE/				
	SPR RANGE/				
	STEEL LENGTH	4 FT SI	7F		
					
	PSIG. LENGTH OF TES				
FAILURES CORRE	CTED RETESTED	TESTED BY			
JOINTING PROCEDURE:	() FUSION () SOCKET	() WELD () M	ECHANICAL		
CATHODIC PROTECTED:	() YES () NO READIN	IG	_(STEEL ONLY)		
TAPPING TEE: () FI	USION X () WELD X () N	/ECHANICAL			
	TH TYPE				
	IG PIPE:				
	TO BACKFILLING: () YES				
	FT. FROM CENTER LINE C)F STREET (circle one)		
	() SLIGHT () DISTINCT		•		
	NTERLINE TO RISER				
	CONVERSION () SER LINE	RELOCATION HRS			
) OTHER					
	SIGNAT	UREAL_	JC		

WORK ORDER

Account # 0018-00070-001 Name Stacy, Earl Address

8648 Hwy. 705

725-5546

Job #

7289 Order Date

10/29/2018 **Status**

Scheduled

As soon as possible 10/29/18 12:53 PM

Telephone Order Type METER# **ERT/INTERNAL ID# READING LOCATOR TAG** WT 76139358 B15037635

Check for Leak at Meter Base **READING IN / OUT**

Description Comment

Start Date

Requested By Customer

Assigned To Maintenance Crew

36249

Completed By Completed Date 101191/8

Make Size/Type

Multiplier

Notes She said the lid was off the base again. We have replaced two lids.

Time :

ON_____LOCKED ___

REGULATOR: TYPE ____/___ MAKE ____/__ ORIFICE ____/

____/___ SPR RANGE ____/_

PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT, SIZE

TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN.

FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ___

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL

CATHODIC PROTECTED: () YES () NO READING ______ (STEEL ONLY)

TAPPING TEE: () FUSION X () WELD X () MECHANICAL

SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: ___

PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS ___

() OTHER _

Steve spake with her 130

WORK ORDER

7288 Order Date

10/29/2018

Name

Account #

0017-00330-001

Status

As soon as possible

King, Gordon & Treva

Address 86 Whitney Lane Scheduled 10/29/18 10:53 AM Telephone 725-5041 Job# Order Type Check for Leak-at Meter Base METER# **ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 76941050 B15196824 51013 57630 Description Comment Requested By Customer Assigned To Maintenance Crew Completed By Start Date /C / 24/18 Time ___: __ Completed Date 10 1.291 /5 Time 1 : 30 Make Size/Type Multiplier **Notes** Turned metr 04 100 on Costinos Side OFF _____ ON___ LOCKED REGULATOR: TYPE ____/ MAKE ____/ ORIFICE ___/_ _____/__ SPR RANGE / PIPE: PLASTIC ______ STEEL _____ LENGTH _____ FT. SIZE ____ TEST PRESSURE _____ PSIG. LENGTH OF TEST ____ HR./MIN. FAILURES ____ CORRECTED ___ RETESTED ___ TESTED BY JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE _____ CONDITION OF ADJOINING PIPE: __ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____ () OTHER _____

50

SIGNATURE ___

WORK ORDER

7287

Account #

0006-03961-001

Name Address

Risner, K. H.

Hwy 1000

3071

Order Date

Status

As soon as possible 10/26/18 11:42 AM

10/26/2018

Scheduled

Telephone /43-/806 Job#	11 (4)	Order 1	Type Check	for Leak at Met	er Rase
METER# ERT/INTERNAL ID#	READING	LOCATOR TAG		READING IN /	
WT 70702837 B14376689 Description Comment	4164	65609369		TEADING III /	
Requested By	Assigned To		Complete	d Bv	
Start Date 10 1 261 18 Time 1 : 15	-				Time / : 2
Make Si	ze/Type		Multiplier		
Notes					
Replaced meter Bot	tom			3	7
OFF ON L	OCKED				
REGULATOR: TYPE/ MAKE/					
SET PSIG/ SPR RANGE/					
PIPE: PLASTIC STEEL LENGTH	H FT. SIZ	Œ _			
TEST PRESSURE PSIG. LENGTH OF TES					
FAILURES CORRECTED RETESTED					
JOINTING PROCEDURE: () FUSION () SOCKET					
CATHODIC PROTECTED: () YES () NO READIN					
TAPPING TEE: () FUSION X () WELD X () M		(
SIZE DEPTH TYPE					
CONDITION OF ADJOINING PIPE:					
PIPE INSPECTED PRIOR TO BACKFILLING: () YES			-		
MAIN LOCATED FT. FROM CENTER LINE O		STREET (circle one)			
SNIFF TEST: () NONE () SLIGHT () DISTINCT					
CUSTOMER BILLING: CENTERLINE TO RISER					
() METER TIE IN () CONVERSION () SER LINE					
, , , , , , , , , , , , , , , , , , , ,					

SIGNATURE_

Morgan County Water District WORK ORDER

		WORK OR	DER	Order Number	
ACCH.#_				Scheduled	_/:
Name				Job#	
Address				-	
METER#	ERT/INTERNAL ID#	READING	LOCATO	OR TAG	READING IN / OUT
Start Date/_		E	Completed	Date 9 126	R Time :
Make	Siz	e/Type	8		
Notes <u>Uh</u>	ack for lea	ak on A	atrick f	4.	
		C 82111 d	NET	- E (A)	d LEVALK
			O CH	LORIN	15
OFF	ON	LOCKED			
REGULATOR: TYPE	/ MAKE/_	ORIFICE/_			
SET PSIG/_	SPR RANGE/	_			
PIPE: PLASTIC	STEEL LENG	THFT. SIZE			
TEST PRESSURE	PSIG. LENGTH OF T	ESTHR./MI	N.		
FAILURES CORF	RECTED RETESTED _	TESTED BY			
JOINTING PROCEDUR	E: () FUSION () SOCKET	()WELD ()MEG	CHANICAL		
CATHODIC PROTECTE	D: () YES () NO REAL	DING(STEEL ONLY)		. 40
TAPPING TEE: ()	FUSION X () WELD X () MECHANICAL			
SIZE DE	PTH TYPE_				
CONDITION OF ADJOIN	NING PIPE:				
	R TO BACKFILLING: () YES				
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDE OF	STREET (circle on	e)	
	() SLIGHT () DISTING				
	CENTERLINE TO RISER				
) CONVERSION () SER LIN				
	SIGN	ATURE5	J	-	

WORK ORDER

Account # 0003-01530-001

Name Luke, John (House) V.

Address Walnut Street Ezel, KY 41425

Telephone

725-4016

Job# **ERT/INTERNAL ID#**

READING

Order Type

7267

Order Date

Scheduled

_____ Multiplier

Status

10/15/2018

As soon as possible

10/15/18 09:53 AM

Check for Leak at Meter Base

WT 70703495 Description

METER#

B14375435

22841

LOCATOR TAG 65610027

READING IN / OUT

Comment

Requested By Start Date /() 1/51/8 **Assigned To**

Size/Type

Completed By

Completed Date // | 1/51/8 Time // : //

Make **Notes**

OFF _____

Time 1/2: 30

ON_____LOCKED ___

REGULATOR: TYPE / MAKE ___/ ORIFICE __/

____/__ SPR RANGE ____/

PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____

TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN.

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL

FAILURES ____ CORRECTED ___ RETESTED ___ TESTED BY ___

CATHODIC PROTECTED: () YES () NO READING _____ (STEEL ONLY)

TAPPING TEE:

() FUSION X () WELD X () MECHANICAL

SIZE _____ DEPTH ____ TYPE ____

CONDITION OF ADJOINING PIPE: __

PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS

() OTHER ____

SIGNATURE

Morgan County Water District WORK ORDER

Name Patrick & Janice Johnson Address and Huly. 364 METER# LO-1197-1 METER# DIG LO	Job# Requested By	
Start Date 191519 Time 8:35 Com Make Size/Type Notes	,	18 Time8 : 18
Replaced Meter Dofforn		
OFFONLOCKED		
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING(STEEL OF TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE DEPTH TYPE	NLY)	(g) (7) (ii) •
CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT	(circle one)	
CUSTOMER BILLING: CENTERLINE TO RISERFT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER		- 18 ST

金を記

WORK ORDER

Account # 0016-00280-001
Name Gunnell, Donald
Address 4461 Hwv 705

WORK ORDER

Order Date 10/12/2018

Gunnell, Donald 4461 Hwy 705

B14377430

Time <u>4</u> : <u>4</u>

Status Scheduled

7264

As soon as possible 10/12/18 08:06 AM

Telephone 743-3669 Job# Order Type Reported Leak other than self
METER# ERT/INTERNAL ID# READING LOCATOR TAG READING IN / OUT

29535

WT 71378857 Description

Start Date

Comment
Requested By Donnie

Assigned To Maintenance Crew

65614443

Make Size/Type Multiplier

Notes // Sisse, Sychice weefte

Notes Williams
OFF ON LOCKED
REGULATOR: TYPE/ MAKE/ ORIFICE/
SET PSIG/ SPR RANGE/
PIPE: PLASTIC STEEL LENGTH FT. SIZE
TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN.
FAILURES CORRECTED RETESTED TESTED BY
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL
CATHODIC PROTECTED: () YES () NO READING(STEEL ONLY)
TAPPING TEE: () FUSION X () WELD X () MECHANICAL
SIZE DEPTH TYPE
CONDITION OF ADJOINING PIPE:
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO
MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one)
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT
CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS

SIGNATURE _

() OTHER _

AL

WORK ORDER

Account # 0009-09833-001 Name

Address

Shop, Chop

Hwy. 205

662-4121

Job#

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS

SIGNATURE

Order Date

Status Scheduled

7263

As soon as possible

10/11/2018

10/11/18 02:01 PM

Order Type

Check for Leak at Meter Base

Telephone METER# **ERT/INTERNAL ID# READING LOCATOR TAG READING IN / OUT** WT 75775233 B15086719 553493 Description Comment Requested By **Assigned To Completed By** Start Date //// 21/8 Time 9 : 50 Completed Date // 1/2 1/8 Make Size/Type ___ Multiplier **Notes** Water bill has gone up. He thinks something may be wrong with meter. Check when in the area. OFF LOCKED REGULATOR: TYPE ____/__ MAKE ____/__ ORIFICE ____/ ____/__ SPR RANGE ____/___ **SET PSIG** PIPE: PLASTIC _____ STEEL ____ LENGTH _____ FT. SIZE _____ TEST PRESSURE _____ PSIG. LENGTH OF TEST ____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES MAIN LOCATED _____ FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL

() OTHER ____

Morgan County Water District WORK ORDER

		WORK OR	DER Order No	umber
ACCH.# _			Schedu	led/ : : :
Name			Job#	
Address				ted By
			Assigne	ed To
METER#	ERT/INTERNAL ID#	READING	LOCATOR TAG	READING IN / OUT
1.0				
Start Date 1011	10115 Time/2:30	·* an	Completed Date 10	110118 Time 12:35
Make		e/Type		er
Notes U	wektor leal	<u>K ON Hill</u>	W ODILY	
	- 1 - A - H			34
H	nound Bill	Havens	>	
	1/			
100	ik behind g	garden	f X some	time
OFF	ON	LOCKED		
REGULATOR: TYPE_	/ MAKE/_	ORIFICE/_	-	
SET PSIG/	SPR RANGE/			20
PIPE: PLASTIC	STEEL LENG	THFT. SIZE		
TEST PRESSURE	PSIG. LENGTH OF T	EST HR./MIN		
AILURES COF	RRECTED RETESTED _	TESTED BY		
OINTING PROCEDUI	RE: () FUSION () SOCKET	()WELD ()MEC	HANICAL	
CATHODIC PROTECT	ED: () YES () NO READ	ING(S	TEEL ONLY)	*5
TAPPING TEE: () FUSION X () WELD X ()) MECHANICAL		
SIZEC	DEPTH TYPE		200	
	INING PIPE:			
PIPE INSPECTED PRI	OR TO BACKFILLING: () YES	() NO	8	
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDE OF S	STREET (circle one)	
NIFF TEST: () NON	NE () SLIGHT () DISTINC	T () VERY DISTINCT		
SUSTOMER BILLING:	CENTERLINE TO RISER	FT. () SERVIC	E CALL	
·) METER TIE IN (() CONVERSION () SER LIN	E RELOCATION HRS		
) OTHER	•			
	SIGNA	ATURE	•	

WORK ORDER 7249

Account# Name

Address

0019-00620-001

May, Kathy

Hwy 772/Pleasant View Ln. West Liberty, KY 41472

Order Date

10/4/2018

Status Scheduled

As soon as possible 10/04/18 12:37 PM

	inty in the inducation them and interest					
Telephone	725-4263 Job#		Order Ty	•	ck for Leak at Met	er Base
METER#		READING	LOCATOR TAG		READING IN /	OUT
WT 68424628	B14376994	36558	65614552			
Description						
Comment Requested By		secioned To		Comple	ted By	
	1 4 1 1/5 Time) : 75	saigned to	Compl		101 4 1 15	Time
Start Date 10	1 <u>910</u> time <u>3.33</u>		Compi	eled Date _	161 7 12	I IIII G 3
Make _	Siz	ze/Type		Multiplier		
Notes _						
-	Michel Gar	4				
		- /····				
OFF	ON L	OCKED				
	PE/ MAKE/	_ ORIFICE/				
SET PSIG	/ SPR RANGE/					
PIPE: PLASTIC _	STEEL LENGT	н FT. S	IZE			
TEST PRESSURE	PSIG. LENGTH OF TE	STHR.	/MIN.			
FAILURES	CORRECTED RETESTED	TESTED BY				
JOINTING PROCE	DURE: () FUSION () SOCKET	() WELD () A	MECHANICAL			
CATHODIC PROTI	ECTED: () YES () NO READII	NG	_ (STEEL ONLY)			
TAPPING TEE:	() FUSION X () WELD X ()	MECHANICAL				
SIZE	DEPTH TYPE					
CONDITION OF A	DJOINING PIPE:					
PIPE INSPECTED	PRIOR TO BACKFILLING: () YES	() NO				
MAIN LOCATED _	FT. FROM CENTER LINE	ON NSEW SIDE	OF STREET (circle one)			
SNIFF TEST: () I	NONE () SLIGHT () DISTINCT	() VERY DIST	NCT			
CUSTOMER BILLI	NG: CENTERLINE TO RISER	FT. () SE	RVICE CALL			
() METER TIE IN	() CONVERSION () SER LINE	RELOCATION HR	s			

SIGNATURE _____

WORK ORDER

Account#

0013-05180-001

Name Engle, Ray & Marie Address 146 Yocum Rd.

Telephone METER#

743-3512

Job# **ERT/INTERNAL ID#**

READING

Order Type **LOCATOR TAG**

7251

Order Date

Scheduled

Status

Check for Leak at Meter Base **READING IN / OUT**

As soon as possible

10/04/18 01:34 PM

10/4/2018

WT 70703149 B14376578 26275 65609681 Description

Comment

Make

Requested By Steve Assigned To Maintenance Crew **Completed By** Start Date / / Completed Date 18 14118 Time ___: _

Size/Type

Multiplier

Time ____ : 20 @

Notes

OFF _		ON	LOCKED	

REGULATOR: TYPE ____/ MAKE ____/ ORIFICE ___/

SET PSIG ____/__ SPR RANGE ____/_

PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____

TEST PRESSURE _____ PSIG. LENGTH OF TEST ___

FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ___

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL

CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY)

TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____

CONDITION OF ADJOINING PIPE: _____

PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _

() OTHER _____

₹) C SIGNATURE

WORK ORDER

7261

10/10/2018

Account#

0009-05350-001

Order Date Status

As soon as possible

10/10/18 03:53 PM Name Gevedon, James Scheduled Check for Leak at Meter Base 5987 Hwy 772 West Liberty, KY 41472 Address Order Type **READING IN / OUT** Telephone Job# (606) 725-4684 **LOCATOR TAG** READING METER# **ERT/INTERNAL ID#** WT 85053899 B15195451 Description Comment Completed By Completed Date 1010118 Time (0:00) **Assigned To** Requested By Start Date 101/01/8 Time 4:00 Size/Type _____ Multiplier _____ Make Notes ON_____LOCKED ____ REGULATOR: TYPE ____/ MAKE ____/ ORIFICE ____/ SET PSIG PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE _____ TEST PRESSURE ______PSIG. LENGTH OF TEST _____HR./MIN. FAILURES ____ CORRECTED ___ RETESTED ___ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____(STEEL ONLY) () FUSION X () WELD X () MECHANICAL TAPPING TEE: SIZE ______ DEPTH _____ TYPE ____ CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____ ()OTHER

WORK ORDER

Account#

0004-01440-003

Name

Gilliam, Barry & Lisa

Order Date

7298

11/1/2018 As soon as possible

Status

11/01/18 03:23 PM Address Hwy. 172 West Liberty, KY 41472 Scheduled Order Type Check for Leak at Meter Base Telephone 522-4395 Job# **LOCATOR TAG READING IN / OUT** METER# **ERT/INTERNAL ID#** READING WT 70703292 B14057245 32567 65609824 Description Comment **Completed By Assigned To** Requested By Completed Date // 1 / 1 /8 Time 4 : 00 Time 3 : 45 Start Date // _____ Multiplier ____ Make Size/Type **Notes** OFF _____ ON_____LOCKED ____ REGULATOR: TYPE ____/__ MAKE ____/__ ORIFICE ___/__ ____/__ SPR RANGE ____/___ PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE _____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS __

() OTHER _____

SIGNATURE _

WORK ORDER

7392 **Order Date**

0001-00153-001

Account # Name

Church, Southfork Primitive

Address

Rt. 191 West Liberty, KY 41472

Telephone

349-2044

Job#

Status

As soon as possible 12/03/18 03:10 PM

12/3/2018

Scheduled **Order Type**

Check for Leak at Meter Base

METER#

TEST DRESSLIDE

ERT/INTERNAL ID#

READING

LOCATOR TAG

READING IN / OUT

WT 70703686 B14374896 540 65610218 Description Comment Requested By Customer Assigned To Maintenance Crew Completed By Start Date 1217 1 18 Completed Date 1217 118

ITIONE			Size/Type	 Multiplier		
Notes						
	41					
	/10	Leak.	Found		 	
)FF		ON	LOCKED			

REGULATOR: TYPE	_/ MAKE	 ORIFICE/
SET PSIG/_	SPR RANGE	

PIPE:	PLASTIC	STEEL	LENGTH	FT.	SIZE	
				_		

	LENGIN OF 1591	FIR./MIN.
FAILURES CORRECTED	RETESTED	TESTED BY

JOINTING PROCEDURE: () FUSION	(,) SOCKET	() WELD	() MECHANICAL	

CATHODIC PROT	ECTED: () YES	()NO	READING	(STEEL ONLY)
TAPPING TEE:	() FUSION X () WELD X	() MECHANICAL	

		• •
SIZE	DEPTH	TYPE

CONDITION OF ADJOINING PIPE:	
PIPE INSPECTED PRIOR TO BACKFILLING: () YES	() NO

SNIFF TEST: () NONE () SLIGHT	() DISTINCT	() VERY DISTINCT
CLISTOMED BILLING: CENTEDLINET	O DICED	ET / \ DEPNISOR O

CUSTOMER BILLING	G: CENTERLINE TO F	RISERFT.	() SERVICE CALL
/ \METED TIE IN	/ ACOMMEDICAL	/) SED I ME DELOCAT	TION LIBO

() METER TIE IN	() CONVERSION	() SER LINE RELOCATION HRS	
() OTHER				

WORK ORDER

Account #

0009-01650-001

Name Lane, Larry Address

214 Hwy 2027 Ezel, KY 41425

Telephone METER#

(606) 725-9242 Job # --

ERT/INTERNAL ID#

B14375087

Time $1: \frac{1}{\sqrt{2}}$:

READING 52129

65614496

Order Date Status

Scheduled

7404

As soon as possible 12/11/18 12:12 PM

12/11/2018

Order Type Check for Leak at Meter Base

LOCATOR TAG **READING IN / OUT**

WT 68135583 Description

Start Date 17/11/1/

Comment

Requested By

Assigned To

Completed By

Completed Date 1.21 /1 / / Time / : .) 9

Make Size/Type Multiplier **Notes** PRV - Needs New

OFF ON LOCKED
REGULATOR: TYPE/ MAKE/ ORIFICE/
SET PSIG/ SPR RANGE/
PIPE: PLASTIC STEEL LENGTH FT. SIZE
TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN.
FAILURES CORRECTED RETESTED TESTED BY
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL
CATHODIC PROTECTED: () YES () NO READING(STEEL ONLY)
TAPPING TEE: () FUSION X () WELD X () MECHANICAL
SIZE DEPTH TYPE
CONDITION OF ADJOINING PIPE:
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO
MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one)
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT
CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS
() OTHER

SIGNATURE

WORK ORDER

Account# 0003-01875-002 Name

Clair, Jesse

Address Hwy. 460 W West Liberty, KY 41472

Telephone METER#

725-5131

Job#

Status Scheduled

7402

Order Date

Order Type

12/10/2018 As soon as possible

12/10/18 01:34 PM

Check for Leak at Meter Base

READING IN / OUT

ERT/INTERNAL ID# READING LOCATOR TAG 65610016 B14376969 29593

Description Comment

WT 70703484

Requested By

Make

Notes

Time 8 : 41 Start Date /5.1/11/8

Assigned To

Completed By

Completed Date 12111 _____ Multiplier

 ND	LPAIC
,	<u> </u>

Car wash in Ezel.

ON_____LOCKED ____

Size/Type

REGULATOR: TYPE ____/_ MAKE ____/_ ORIFICE ____/_

____/__ SPR RANGE ____/__

PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____

PSIG. LENGTH OF TEST _____ HR./MIN.

FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY __

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL

CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY)

TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE ______ DEPTH _____ TYPE _____

CONDITION OF ADJOINING PIPE: _____

PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _

() OTHER ____

WORK ORDER

Account # Name

Address

Telephone

0006-01020-001

Nickell, Ella May

1054 Lacy Creek Rd. West Liberty, KY 41472

(606) 743-4708 Job# Order Date Status

Scheduled

7407

As soon as possible

12/14/2018

Order Type

12/14/18 07:48 AM

Check for Leak at Meter Base

METER# **ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 70702668 B14106517 32999 65609200 Description

Comment

Requested By	Assigned To	Completed By	
Start Date / 1/1/1/8	Time 3 : 25	Completed Date <u>A1/41/8</u> Time 8:	78
Make	Size/Type	Multiplier	_
Changed 5	Tube		

Notes
Changed 5 Tube
OFF ON LOCKED
REGULATOR: TYPE/ MAKE/ ORIFICE/
SET PSIG/_ SPR RANGE/
PIPE: PLASTIC STEEL LENGTH FT. SIZE
TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN.
FAILURES CORRECTED RETESTED TESTED BY
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL
CATHODIC PROTECTED: () YES () NO READING(STEEL ONLY)
TAPPING TEE: () FUSION X () WELD X () MECHANICAL
SIZE DEPTH TYPE
CONDITION OF ADJOINING PIPE:
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO
MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one)
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT
CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS
() OTHER

WORK ORDER 7408

Account# 0005-00071-001 Name

Gabbard, James R.

22 Caskey Fork Rd.

Order Date Status

12/14/2018

Scheduled

As soon as possible 12/14/18 01:36 PM

Address Order Type Telephone 662-6290 Job# Check for Leak at Meter Base METER# **ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 75370783 B15037594 15497 Description Comment Requested By **Assigned To** Completed By Start Date 12 114 118 Time 3:00 Completed Date 12114 Make Size/Type Multiplier Notes OFF ON LOCKED REGULATOR: TYPE ___ / __ MAKE ___ / ORIFICE ___ / __ ____/___ SPR RANGE ____/__ PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT, SIZE ___ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL

SIGNATURE _

SIZE _____ DEPTH ____ TYPE ____

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

MAIN LOCATED ______ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one)

() OTHER _____

CONDITION OF ADJOINING PIPE: _____

PIPE INSPECTED PRIOR TO BACKFILLING: () YES

WORK ORDER

7427

Order Date

0002-00145-001

Account# Name Address

Johnston, John

283 Woodside Lane West Liberty, KY 41472

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS __

CUSTOMER BILLING: CENTERLINE TO RISER ______FT. () SERVICE CALL

Telephone

(606) 743-1620

Job#

Scheduled **Order Type**

Status

1/2/2019 As soon as possible

01/02/19 09:30 AM

Check for Leak at Meter Base

READING IN / OUT

LOCATOR TAG ERT/INTERNAL ID# READING METER# 65608750 B14105768 30964 WT 70702218 Description Comment Completed By **Assigned To** Requested By Time 11:50 Start Date / Multiplier Size/Type Make Notes check to see if meter is spinning. 1.eak ON LOCKED ____ REGULATOR: TYPE ____/__ MAKE ____/_ ORIFICE ___/__ ____/__ SPR RANGE ____/__ SET PSIG PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______ (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: ___ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one)

() OTHER _________

WORK ORDER

Account #

0003-01535-001

Name

Manns, Lillie

7428

Order Date

1/2/2019

Status

As soon as possible

Address Telephone	318 Walnut St. (606) 568-1769	Job #			Scheduled Order Type	O1/02/19 09:34 AM Check for Leak at Me	ter Base
METER#		T/INTERNAL ID#	READING	LOCATO	R TAG	READING IN /	OUT
WT 78075276		5269435	8818				
Description							
Comment	0 11		Applement To	Maintenance Crev	v C	ompleted By	
Requested By		7110 . 15	— Assigned 10	Maintenance orci	Completed	Date / 12 1/9	Time //) : /8
Start Date	121/9	11me <u>//</u> : / <u>``</u>			compicted		40
Make			Size/Type		Mul	tiplier	
Notes							
Surfac	ce Wart	er in	mete	?(10	
REGULATOR: T	YPE/	MAKE/_	ORIFICE	_/			
		RANGE/					
PIPE: PLASTIC	STEE	L LENG	STHF	T. SIZE			
TEST PRESSUR	REPSI	G. LENGTH OF	TEST	HR./MIN.			
FAILURES	_CORRECTED _	RETESTED	TESTED B	Y			
JOINTING PRO	CEDURE: () FUS	SION () SOCKE	r ()WELD (() MECHANICAL			
CATHODIC PRO	TECTED: () YE	S ()NO REA	DING	(STEEL ONL	Y)		
TAPPING TEE:	() FUSION >	() WELD X () MECHANICAL				
SIZE	DEPTH	TYPE_					
CONDITION OF	ADJOINING PIPE	•		<u>_</u>			
PIPE INSPECTE	D PRIOR TO BAC	KFILLING: () YE	S ()NO			(4	
MAIN LOCATED) FT.	FROM CENTER LIF	NEON NSEWS	SIDE OF STREET (d	rcle one)		
SNIFF TEST: () NONE () SL	IGHT () DISTIN	ICT () VERY	DISTINCT			
CUSTOMER BIL	LING: CENTERL	INE TO RISER	FT. () SERVICE CALL			
() METER TIE	IN () CONVE	RSION () SER I	INE RELOCATION	N HRS			
() OTHER							
		SIG	NATURE	1C, 1C			

WORK ORDER

7446

Account#

0002-00335-001

Name

Cantrell, Buel & Carolyn

Address

4649 Liberty Rd. West Liberty, KY 41472

Order Date

Status

As soon as possible 01/15/19 10:45 AM

1/15/2019

Scheduled

Check for Leak at Meter Base

Telephone 522-3394	Job #		Ord	ier iype (Sheck for Leak at Me	tel Dase
METER#	ERT/INTERNAL ID#	READING	LOCATOR TA	G	READING IN	OUT
WT 70702991	B14110619	46334	65609523			
Description						.00
Comment Requested By		Assigned To		Com	pleted By	
Start Date / 1/51/6		assigned to			te 1 1/5/19	Time / : //
Start Date	/		•	ompieted Da	<u> </u>	11110 2 1024
Make	Si	ze/Type		Multip	lier	
Notes						
Replaced	Meter	Bottom	5		*)	
OFF	ON	LOCKED				
REGULATOR: TYPE/_	MAKE /	ORIFICE/				
SET PSIG/						
PIPE: PLASTIC \$	STEEL LENGT	'Н FT. S				
TEST PRESSURE	_ PSIG. LENGTH OF TE	STHR.	MIN.			
FAILURES CORRECTI	ED RETESTED	TESTED BY				
JOINTING PROCEDURE: () FUSION () SOCKET	() WELD () N	MECHANICAL			
CATHODIC PROTECTED: () YES () NO READI	NG	_ (STEEL ONLY)			
TAPPING TEE: () FUSI	ION X () WELD X ()	MECHANICAL				
SIZE DEPTH	TYPE					
CONDITION OF ADJOINING	PIPE:			<u> </u>		
PIPE INSPECTED PRIOR TO	BACKFILLING: () YES	() NO				
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDE	OF STREET (circle o	ne)		
SNIFF TEST: () NONE () SLIGHT () DISTINC	() VERY DIST	INCT			
CUSTOMER BILLING: CENT	ERLINE TO RISER	FT. () SE	RVICE CALL			
() METER TIE IN () CO	NVERSION () SER LIN	E RELOCATION HR	s			
() OTHER						
	SIGNA	TURE 7	· T		_	

WORK ORDER

7455

0004-04850-001 Account# Conner, Linda Name Address

1276 Big Mandy

Telephone

522-4516

Job#

Order Date **Status**

Scheduled Order Type As soon as possible

1/22/2019

01/22/19 03:14 PM Check for Leak at Meter Base

READING IN / OUT LOCATOR TAG ERT/INTERNAL ID# READING METER# 65608584 67094 B14376901 WT 70702052

Description Comment Completed By **Assigned To** Requested By Completed Date /1.2011 Time 5:34 Time 3: 24 35 Start Date _____ 1 22 1 F1 _____ Multiplier __ Size/Type . Make Replant inte leffers **Notes** OFF _____ ON____ LOCKED _____ REGULATOR: TYPE ____/__ MAKE ____/__ ORIFICE ___/__ ____/___ SPR RANGE ____/___ PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE _____ TEST PRESSURE ______ PSIG. LENGTH OF TEST ____ HR./MIN. FAILURES ___ CORRECTED ___ RETESTED ___ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH _____ TYPE _____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____

SIGNATURE___ AL

WORK ORDER 7451

Account#

0013-05040-001

Name Address Keeton, J. Matthew

736 Pleasant Run Rd.

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS ___

Order Date Status

1/22/2019

Scheduled

As soon as possible 01/22/19 07:50 AM

Telephone 743-1381 Job# Order Type Check for Leak at Meter Base METER# **ERT/INTERNAL ID#** READING **LOCATOR TAG READING IN / OUT** WT 70703175 B14376319 41894 65609707 Description Comment Requested By Assigned To Completed By Time 7:00 Completed Date 1 122119 Time 9 :20 Make Size/Type Multiplier Needs lid Notes name Meter Rottone - Replaced Lid ON_____LOCKED ____ REGULATOR: TYPE ____/_ MAKE ___/_ ORIFICE ___/_ ____/__ SPR RANGE ____/_ SET PSIG PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES _____ CORRECTED _____ RETESTED _____ TESTED BY _____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____ (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH _____ TYPE ____ CONDITION OF ADJOINING PIPE: __ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER _____ FT. () SERVICE CALL

() OTHER _____

WORK ORDER

7456 Order Date

Status

1/23/2019

Account # Name

0004-04850-001

Conner, Linda 1276 Big Mandy

As soon as possible

Address

522-4516

Job#

Scheduled Order Type 01/23/19 08:51 AM Check for Leak at Meter Base

Telephone **READING IN / OUT LOCATOR TAG ERT/INTERNAL ID#** READING **METER#** 65608584 67094 B14376901 WT 70702052 Description Comment Completed By **Assigned To** Requested By Completed Date / 19319 Time 9_: 1/2 Start Date _/ Multiplier _____ Size/Type Make Notes ON_____LOCKED ____ REGULATOR: TYPE ____/ __ MAKE ____/ ORIFICE ____/_ ____/__ SPR RANGE ____/___ PIPE: PLASTIC _____ STEEL ____ LENGTH _____ FT, SIZE ____ TEST PRESSURE ______ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ___ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH ____ TYPE ___ CONDITION OF ADJOINING PIPE: __ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____

SIGNATURE

() OTHER _____

Morgan County Water District WORK ORDER

Order Number _____

Make Notes Make	ACC++ Name Address	Scheduled
Make Notes Make	METER# ERT/INTERNAL ID# READING	LOCATOR TAG READING IN / OUT
OFFONLOCKED REGULATOR: TYPE/ MAKE/ ORIFICE/ SET PSIG/ SPR RANGE/ PIPE: PLASTIC STEEL LENGTH FT. SIZE TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN. FAILURES CORRECTED RETESTED TESTED BY JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE DEPTH TYPE CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER	Make Notes Size/Type Chark for leak at Ge	
OFF ON LOCKED REGULATOR: TYPE / MAKE / ORIFICE / SET PSIG / SPR RANGE / ORIFICE / PIPE: PLASTIC STEEL LENGTH FT. SIZE TEST PRESSURE PSIG. LENGTH OF TEST HR/MIN. FAILURES CORRECTED RETESTED TESTED BY JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE DEPTH TYPE CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (dircle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER	No lesk found.	\$10
OFF ON LOCKED REGULATOR: TYPE / MAKE / ORIFICE / SET PSIG / SPR RANGE / ORIFICE / PIPE: PLASTIC STEEL LENGTH FT. SIZE TEST PRESSURE PSIG. LENGTH OF TEST HR/MIN. FAILURES CORRECTED RETESTED TESTED BY JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE DEPTH TYPE CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (dircle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER		
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING	OFF ON LOCKED REGULATOR: TYPE / MAKE / ORIFICE / SET PSIG / SPR RANGE /	ZE
CATHODIC PROTECTED: () YES () NO READING	FAILURES CORRECTED RETESTED TESTED BY	
TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE DEPTH TYPE CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS	JOINTING PROCEDURE: () FUSION () SOCKET () WELD () M	ECHANICAL
SIZE DEPTH TYPE CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES	CATHODIC PROTECTED: () YES () NO READING	_(STEEL ONLY)
CONDITION OF ADJOINING PIPE: PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS	TAPPING TEE: () FUSION X () WELD X () MECHANICAL	
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS		
MAIN LOCATEDFT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISERFT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS		
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER		
CUSTOMER BILLING: CENTERLINE TO RISER FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS () OTHER		
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS		
() OTHER		
		S
	() OTHER	

WORK ORDER

7465

Order Type

1/28/2019

Account # Name

0013-04810-001

Blair, James A.

Order Date Status

3220 Pleasant Run Rd.

As soon as possible 01/28/19 10:04 AM Scheduled

Address Telephone

743-7486

Job#

Check for Leak at Meter Base **READING IN / OUT**

LOCATOR TAG ERT/INTERNAL ID# READING METER# 5646 B15440836 WT 83372429 Description Comment **Completed By Assigned To** Requested By Completed Date / 1251/9 Time 7_: 32 Start Date Multiplier Size/Type Make **Notes** ON_____ LOCKED _____ REGULATOR: TYPE ____/ MAKE ____/ ORIFICE ___/_ ____/___ SPR RANGE ____/___ PIPE: PLASTIC ______ STEEL _____ LENGTH _____ FT. SIZE ____ TEST PRESSURE ______ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES _____ CORRECTED _____ RETESTED ____ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____(STEEL ONLY) () FUSION X () WELD X () MECHANICAL TAPPING TEE: SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: ___ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS ___

() OTHER _____

	IVI	WORK OR		Order Number		
				Scheduled		:_
Name				Requested By		
Address	2500			Assigned To		
METER#	ERT/INTERNAL ID#	READING	LOCAT	OR TAG	READIN	NG IN / OUT
1 0				Date 1 28). 19	
Start Date 12)-/		Completed	Date Z PCO	44	Time :
Make	Siz	e/Type		Multiplier _		
Notes	hoch Lier	hak	en 6	ira Br	an	16-
(70000	Bloom	-		<i>y. k</i>		
				0 1		
Cal	led in by	Lan	1)21	Borde		n ^{so}
OFF	ON	LOCKED				
REGULATOR: TYPE	/ MAKE/_	ORIFICE/	_ /			
SET PSIG/_	SPR RANGE/	_				
PIPE: PLASTIC	STEEL LENG	STHFT. SIZ	<u> </u>	•		
TEST PRESSURE	PSIG. LENGTH OF	TESTHR./M	IN.			
FAILURES CORR	ECTED RETESTED _	TESTED BY		- 0		
JOINTING PROCEDURE	: () FUSION () SOCKE	T ()WELD ()ME	CHANICAL	r 5	67	
CATHODIC PROTECTE	D: () YES () NO REA	DING	(STEEL ONLY)			
TAPPING TEE: ()	FUSION X () WELD X () MECHANICAL				
SIZE DE	PTHTYPE_		<u> </u>			
CONDITION OF ADJOIN	IING PIPE:					
PIPE INSPECTED PRIO	R TO BACKFILLING: () YE	S ()NO				
MAIN LOCATED	FT. FROM CENTER LIN	EON NSEW SIDEO	F STREET (circle	one)		
SNIFF TEST: () NONE	() SLIGHT () DISTIN	ICT () VERY DISTIN	СТ			
CUSTOMER BILLING: (CENTERLINE TO RISER	FT. () SER	/ICE CALL			
() METER TIE IN () CONVERSION () SER L	INE RELOCATION HRS				
/) OTHER						

CHAMBER'S

SERVICE LINE

SIGNATURE ____

Morgan County Water District WORK ORDER

	WORK ORD	ER	Order Number	74	
ACH#			Scheduled	1 1 1	_:
Name		7.70	Job#		500
Address Address	Branch	<u>-</u>	100	, S. C.	
Address			Assigned To		
METER# ERT/INTERN	AL ID# READING	LOCAT	OR TAG	READING IN /	OUT
					-
Start Date/ Time		Completed	Date 1 1281	19 Time_	1 1 1 1
Make	Size/Type	<u> </u>	Multiplier _	0 3	
Notes	fa y i				~~
hock	Dlaw Off	end	of line		\$ a
R)-OW	OFF NOT	RUI	UIN9	_ :	
			0	•	
OFFON	LOCKED				
REGULATOR: TYPE/MAKE		22	40		
SET PSIG/ SPR RANGE		6			
PIPE: PLASTIC STEEL		1		- V	
TEST PRESSUREPSIG. LENG			100		
FAILURES CORRECTED RETE	STED TESTED BY			was the	4
JOINTING PROCEDURE: () FUSION ()			7		
CATHODIC PROTECTED: () YES () N				•	
FAPPING TEE: () FUSION X () WELI	X () MECHANICAL				*
SIZE DEPTH	•		. 8		
CONDITION OF ADJOINING PIPE:		86 830	ni i		:
PIPE INSPECTED PRIOR TO BACKFILLING:	•				1.1
MAIN LOCATEDFT. FROM CEN				. 1	
SNIFF TEST: () NONE () SLIGHT ()				£0;	
CUSTOMER BILLING: CENTERLINE TO RISE				and the state of	ē.;
) METER TIE IN () CONVERSION (•		644 H	6 6	200
) OTHER	69				\sim
	SIGNATURE SP A	/ 3		,5 ⁴ _ 5	15

WORK ORDER

7469 Order Date

Scheduled

Status

Account#

0006-03095-004 Duchnowski, Clarence

Name 769 Hwy 1081 Address

1/29/2019

As soon as possible

01/29/19 02:18 PM

Check for Leak at Meter Base

	(606) 349-8965	Job#		Order Typ	e Checl	k for Leak at Met	er Base
		ITERNAL ID#	READING	LOCATOR TAG		READING IN /	OUT
METER# WT 70702920			35326	65609452			
Description	51101						
Comment					Complete	ed Bv	
Requested By	<u> </u>		Assigned To	0	Complete	1 129/19	Time? :/ò
Start Date	, 129119 Tir	ne 🔁 😂		Comple	fed Date _		2
		e	=o/Tune		Multiplier		
Make	D) DD. r	ze/1ype				
Notes	Replaced	D PAU	C Ma			- L	
- 1			(8+7)				
OFF	ON		LOCKED				
	TYPE/ MA						
SET PSIG	/ SPR RAN	IGE/					
PIPE: PLASTIC	: STEEL _	LENG	THFT:	SIZE			
	REPSIG.						
	CORRECTED						
	CEDURE: () FUSIO						
CATHODIC PR	OTECTED: () YES	() NO READ	ING	(STEEL ONLY)			
	() FUSION X (
SIZE	DEPTH	TYPE _					
CONDITION OF	F ADJOINING PIPE: _			Ti-	_		
	ED PRIOR TO BACKF						
MAIN LOCATE	DFT. FR	OM CENTER LIN	EON NSEW SID	E OF STREET (circle one)			
) NONE () SLIGH						
	ILLING: CENTERLINE						
() METER TII	EIN () CONVERS	ION () SER L	NE RELOCATION I	IRS			
() OTHER _				= 1)			
		elei	NATURE-	~H/			

WORK ORDER

7473

0009-03780-002

Order Date

Account# Name

Hollon, Kenny & Tina 63 Hwy 1950 Ezel, KY 41425

As soon as possible **Status** 01/31/19 08:00 AM Scheduled

Address

Job#

Order Type

Check for Leak at Meter Base **READING IN / OUT**

Time 1 : 4

1/31/2019

725-5387 Telephone **LOCATOR TAG** READING **ERT/INTERNAL ID#** METER# 65614344 58340 B14376615 WT 68424647 Description Comment Completed By **Assigned To** Requested By Completed Date ___ Start Date ____/___/___ Time ___: _ Multiplier Size/Type Make **Notes** ON_____ LOCKED _____ REGULATOR: TYPE ____/___ MAKE ____/__ ORIFICE ____/__ ___/__ SPR RANGE ____/___ SET PSIG PIPE: PLASTIC ______ STEEL ____ LENGTH ____ FT, SIZE ___ TEST PRESSURE ______ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) () FUSION X () WELD X () MECHANICAL TAPPING TEE: SIZE _____ DEPTH ____ TYPE ____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _

() OTHER _____

WORK ORDER

7554 **Order Date**

2/26/2019

Account # Name

0003-00384-003

Helton, John B. 184 Redbird Rd.

Address Telephone

METER#

743-7380

Job#

Status Scheduled As soon as possible 02/26/19 09:26 AM

Order Type

Customer has no water

WT 70702050

ERT/INTERNAL ID# B14378675

__/___ SPR RANGE __

READING 22270

LOCATOR TAG 65608582

READING IN / OUT

Description Comment Requested By	y	Assigned To	Completed By
Start Date	/Time	:	Completed Date 2125/18 Time :
Make		Size/Type	Multiplier
Notes	Customer has not had wa	ter in 3 days.	LEAK IN 2" LINE
			FIX LEAK
OFF	ON	LOCKED	

SET PSIG/ SPR RANGE/
PIPE: PLASTIC STEEL LENGTH FT. SIZE
TEST PRESSURE PSIG. LENGTH OF TEST HR./MIN.
FAILURES CORRECTED RETESTED TESTED BY
JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL
CATHODIC PROTECTED: () YES () NO READING(STEEL ONLY)
TAPPING TEE: () FUSION X () WELD X () MECHANICAL
SIZE DEPTH TYPE
CONDITION OF ADJOINING PIPE:
PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO
MAIN LOCATED FT. FROM CENTER LINE ON NSEW SIDE OF STREET (circle one)
SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT
CUSTOMER BILLING: CENTERLINE TO RISERFT. () SERVICE CALL
() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS
() OTHER

SIGNATURE SP, AL, TC, JC

WORK ORDER

Account # 0013-05040-001 Name Keeton, J. Matthew

7548 Order Date

2/21/2019 Status As soon as possible

Address 736 Pleasant Run Rd. Telephone 743-1381

Scheduled Order Type

02/21/19 02:05 PM Check for Leak at Meter Base

METER# ERT/INTERNAL ID# READING LOCATOR TAG READING IN / OUT WT 70703175 B14376319 41894 65609707 Description Comment Requested By **Assigned To** Completed By Start Date 2/2// Time 10: 35 Completed Date 2 1 14 1 17

Make Size/Type _____ Multiplier **Notes** PAV OFF_____ ON___ LOCKED _____ REGULATOR: TYPE ____/_ MAKE ___/_ ORIFICE ___/_ ____/__ SPR RANGE ____/__ SET PSIG

PIPE: PLASTIC ______ STEEL ____ LENGTH ____ FT; SIZE ____ PSIG. LENGTH OF TEST _____ HR./MIN. TEST PRESSURE __

Job#

FAILURES ____ CORRECTED ___ RETESTED ___ TESTED BY ___

JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____ (STEEL ONLY)

TAPPING TEE: () FUSION X () WELD X () MECHANICAL

SIZE _____ DEPTH ____ TYPE ___

CONDITION OF ADJOINING PIPE: ____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO

MAIN LOCATED _____ FT. FROM CENTER LINE ON IN SIEW SIDE OF STREET (circle one)

SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT

CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL

() METER TIE IN () CONVERSION () SER LINE RELOCATION HRS __

() OTHER ____

TC SIGNATURE

WORK ORDER

0007-00040-001

Wheeler, Christine Name Addrage 143 Hwy 705

Account #

7550 **Order Date**

> Status Scheduled

2/22/2019

As soon as possible 02/22/19 03:39 PM

Address 143 nwy 7	705		Scriedu	ieu 02/22/1	3 03.33 FIVE	
Telephone 743-3037	Job#		Order T	ype Check	for Leak at Mete	r Base
METER#	ERT/INTERNAL ID#	READING	LOCATOR TAG		READING IN / C	UT
WT 69712255	B14378267	20127	65614398			
Description						
Comment				0		
Requested By		Assigned To		Completed		
Start Date <u>41331</u>	4 Time 4:00		Compl	leted Date 📈	12314	Time <u>4</u> : <u>2</u> :
Make	Si	ze/Type		Multiplier		
Notes						
No problem	-found at 1	his meter	Meter acro	055 the	STREET	L 2005
Lesking, Re	placed Meter	Balton	MX#485	3		
OFF	ON l	OCKED	<u></u>			
REGULATOR: TYPE/_	MAKE/	ORIFICE/				
SET PSIG/	SPR RANGE/					
PIPE: PLASTIC	STEEL LENGT	HFT⊹S	IZE			
TEST PRESSURE	_ PSIG. LENGTH OF TE	STHR.	MIN.			
FAILURES CORRECT	ED RETESTED	TESTED BY	···			
JOINTING PROCEDURE: () FUSION () SOCKET	() WELD () N	IECHANICAL			
CATHODIC PROTECTED: () YES () NO READI	NG	_ (STEEL ONLY)			
TAPPING TEE: () FUS	ONX ()WELDX ()	MECHANICAL	10			
SIZE DEPTH	TYPE					
CONDITION OF ADJOINING	PIPE:			_		
PIPE INSPECTED PRIOR TO	BACKFILLING: () YES	() NO				
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDE	OF STREET (circle one)			
SNIFF TEST: () NONE () SLIGHT () DISTINCT	() VERY DISTI	NCT			
CUSTOMER BILLING: CENT	ERLINE TO RISER	FT. () SEI	RVICE CALL			
() METER TIE IN () CO	NVERSION () SER LINE	E RELOCATION HR	s			
() OTHER						

SIGNATURE _____

WORK ORDER

7538 Order Date

2/19/2019

Name

Account#

0006-04230-001

Vance, Keith

Status Scheduled

As soon as possible 02/19/19 08:01 AM

Check for Leak at Meter Base

4668 Hwy 1000 West Liberty, KY 41472 **Address** Order Type (606) 743-7905 Job# Telephone **LOCATOR TAG READING IN / OUT** READING **METER#** ERT/INTERNAL ID# 65609375 B14375893 8457 WT 70702843 Description Comment Completed By **Assigned To** Requested By Completed Date 2119119 Start Date _<u><119119</u> Time 2 : 30 Multiplier Make PRU + Meter RoHom Notes ON_____LOCKED ___ REGULATOR: TYPE ____/ MAKE ____/ ORIFICE ____/__ ____/__ SPR RANGE ____/__ PIPE: PLASTIC ______ STEEL _____ LENGTH _____ FT. SIZE _____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ____ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH _____ TYPE ____ CONDITION OF ADJOINING PIPE: ___ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS ______

SIGNATURE _____

() OTHER _____

WORK ORDER

7530 Order Date

2/11/2019

Name

Account#

0004-01114-001 Realty, Unlimited

Status

As soon as possible

Address

45 Patoker Rd.

Scheduled

02/11/19 09:43 AM Order Type Check for Leak at Meter Base Telephone (606) 789-0021 Job# **READING IN / OUT** ERT/INTERNAL ID# READING **LOCATOR TAG** METER# WT 81775724 B15413507 3020 Description Comment Completed By **Assigned To** Requested By Time 10:44 Completed Date 21/11/9 Time //>: _ Start Date 📿 Multiplier _ Make Size/Type Notes ON LOCKED ___ OFF REGULATOR: TYPE / MAKE ____/ ORIFICE ___/__ ____/__ SPR RANGE ____/__ PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE ____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY __ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING _____ (STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH _____ TYPE ____ CONDITION OF ADJOINING PIPE: ____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED _____ FT. FROM CENTER LINE ON N S E W SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _

SIGNATURE

WORK ORDER

7480

0008-08610-002 Account # Name

Smith, Jeffery

Order Date

Status Scheduled

As soon as possible 02/01/19 09:20 AM

2/1/2019

Address	439 Stanley Nipper Rd. (606) 495-1821 Job #			Scheduled Order Type	02/01/19 09:20 A Check for Leak a	
METER#	ERT/INTERNAL ID#	READING	LOCATOR	••	READING	
WT 71043720 Description Comment		7609	66924185			
Requested By		Assigned To			ompleted By	
Start Date) <u> </u>			Completed	Date <u> </u>	<u>19</u> Time <u>1</u> : <u>5</u>
Make	Si	ze/Type		Mult	tiplier	
Notes	Replaced meter	Bittein				
	<u>'</u>	J.				ا ا
·	ON					
REGULATOR: T	YPE/ MAKE/	_ ORIFICE	/			
SET PSIG _	/ SPR RANGE/					
PIPE: PLASTIC	STEEL LENGT	HFT.:	SIZE	_		
TEST PRESSUR	REPSIG. LENGTH OF TE	STHF	R./MIN.			
FAILURES	_ CORRECTED RETESTED	TESTED BY_	<u> </u>			
JOINTING PROC	CEDURE: () FUSION () SOCKET	() WELD ()	MECHANICAL			
CATHODIC PRO	TECTED: () YES () NO READI	NG	(STEEL ONLY)		
TAPPING TEE:	() FUSION X () WELD X ()	MECHANICAL				
SIZE	DEPTH TYPE					
CONDITION OF	ADJOINING PIPE:					
PIPE INSPECTE	ED PRIOR TO BACKFILLING: () YES	() NO				
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDI	E OF STREET (cire	cle one)		
SNIFF TEST: () NONE () SLIGHT () DISTINC	T () VERY DIS	TINCT			
CUSTOMER BIL	LING: CENTERLINE TO RISER	FT. ()S	ERVICE CALL			
() METER TIE	IN () CONVERSION () SER LIN	E RELOCATION H	RS			
() OTHER			<u> </u>			
	COL	TUDE AL	CO			

Morgan County Water District WORK ORDER

		WORK OR	DER	Order Number			
ACD+#			31	Scheduled Job# Requested By			
Address				Assigned To		1	
METER#	ERT/INTERNAL ID#	READING	LOCAT	OR TAG	READI	NG IN / OUT	W
Start Date/_	/ Time :	77	Completed	Date <u>1.17</u>		Time:_	_
Make A1	Size	е/Туре	1 0	Multiplier _	4	A 1 1	
Notes (n)	aktorleak Kellaauj	ALTORS TO	ant box	am Da	<u>Niel</u>	610d	_
AAH - I	i la company	10000	. 1 1705	- MMI			
Called	in by kgy	Lassido				<u>-</u> -	
		IXLEM	- 611	LINE			—
OFF	ON	LOCKED					
REGULATOR: TYPE	_/ MAKE/_	ORIFICE/_	_				
SET PSIG/_	SPR RANGE/	-					
PIPE: PLASTIC	STEEL LENG	STHFT. SIZE			,		
	PSIG. LENGTH OF T						
FAILURES CORRE	ECTED RETESTED _	TESTED BY		•			
JOINTING PROCEDURE	() FUSION () SOCKET	()WELD ()MEG	CHANICAL		5.,	9	
CATHODIC PROTECTED): () YES () NO REAL	DING(STEEL ONLY)			.*	
TAPPING TEE: () F	FUSION X () WELD X () MECHANICAL					
SIZE DEF	TH TYPE_						
CONDITION OF ADJOIN	NG PIPE:						
PIPE INSPECTED PRIOR	R TO BACKFILLING: () YES	() NO	10				
MAIN LOCATED	FT. FROM CENTER LIN	EON NSEW SIDE OF	STREET (circle o	one)			
SNIFF TEST: () NONE	() SLIGHT () DISTING	CT () VERY DISTING	т				
CUSTOMER BILLING: C	ENTERLINE TO RISER	FT. () SERV	ICE CALL				
() METER TIE IN ()	CONVERSION () SER LI	NE RELOCATION HRS _					
() OTHER						100	

SIGNATURE SP, AL, TC, TC

Morgan County Water District WORK ORDER

	•	WORK ORD	ER	Order Number		
ACC+#				Scheduled		:
Name				Requested By		
Address				Assigned To	•	
METER#	ERT/INTERNAL ID#	READING	LOCATO	OR TAG	READING	IN / OUT
Start Date//	Time : Size		Completed	Date <u>3 / 4</u>		
	sible lea	K on Hw	W. 437			
Pas	s scotly 1	uilliams	- 1100	2 to D		Smith
W	Her is M	unning A	woss	road.		
	ON					
REGULATOR: TYPE	/ MAKE/_	ORIFICE/	- 90 N			
SET PSIG/	_ SPR RANGE/					
PIPE: PLASTIC	_ STEEL LENGT	TH FT. SIZE		*	Ť	
TEST PRESSURE	PSIG. LENGTH OF TE	ESTHR./MIN	١.			
FAILURES CORRE	CTED RETESTED	TESTED BY	(P			
JOINTING PROCEDURE:	() FUSION () SOCKET	()WELD ()MEC	HANICAL	4.		
CATHODIC PROTECTED:	()YES ()NO READ	ING(\$	STEEL ONLY)			te
TAPPING TEE: () FI	USION X () WELD X ()	MECHANICAL				
SIZE DEP	TH TYPE					
CONDITION OF ADJOININ	IG PIPE:					
PIPE INSPECTED PRIOR	TO BACKFILLING: () YES	() NO				
MAIN LOCATED	FT. FROM CENTER LINE	ON NSEW SIDE OF	STREET (circle o	ne)		
SNIFF TEST: () NONE	() SLIGHT () DISTING	T () VERY DISTINC	T			
CUSTOMER BILLING: CE	NTERLINE TO RISER	FT. () SERVI	CE CALL			
() METER TIE IN ()	CONVERSION () SER LIN	NE RELOCATION HRS _				
		-P	1 1	J		

NO LEAK DITCH STOP UP

WORK ORDER

Account#

0013-03920-001

Name **Address**

Church, Blaze Community Hwy 3420/Ditney Ridge Rd. Order Date

Status

7564

As soon as possible 03/06/19 12:15 PM

3/6/2019

Scheduled

Order Type Check for Leak at Meter Base Telephone 743-4693 Job# **READING IN / OUT ERT/INTERNAL ID# LOCATOR TAG** METER# READING 1760 65610294 WT 70703762 B14378734 Description Comment Completed By **Assigned To** Requested By Completed Date 3 16 119 Time 1 : 27 Multiplier ___ Size/Type _ Make Notes Replaced Meder Bottom & Pru, Leak find ON LOCKED _____ REGULATOR: TYPE / MAKE ___/_ ORIFICE ___/__ ____/__ SPR RANGE ____/___ PIPE: PLASTIC _____ STEEL ____ LENGTH ____ FT. SIZE _____ TEST PRESSURE _____ PSIG. LENGTH OF TEST _____ HR./MIN. FAILURES ____ CORRECTED ____ RETESTED ____ TESTED BY ___ JOINTING PROCEDURE: () FUSION () SOCKET () WELD () MECHANICAL CATHODIC PROTECTED: () YES () NO READING ______(STEEL ONLY) TAPPING TEE: () FUSION X () WELD X () MECHANICAL SIZE _____ DEPTH _____ TYPE ____ CONDITION OF ADJOINING PIPE: _____ PIPE INSPECTED PRIOR TO BACKFILLING: () YES () NO MAIN LOCATED ______ FT. FROM CENTER LINE ON IN SIE WI SIDE OF STREET (circle one) SNIFF TEST: () NONE () SLIGHT () DISTINCT () VERY DISTINCT CUSTOMER BILLING: CENTERLINE TO RISER ______ FT. () SERVICE CALL () METER TIE IN () CONVERSION () SER LINE RELOCATION HRS _____ () OTHER ____ SIGNATURE TO, AL

APPENDIX C

QUESTION 18

7 PAGES



Fax: (859)259-1171

CITCO Large Meter Test Reco

Customer Name: Morgan Co.

Date: 3-19-19

Make: Sensus Omni C2

Serial #: 86482

Size: 3"

Location: Hicko

HICKORY ROAd

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07

Test As Found

		Residual			Result
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100
HIGH	150/500	60	507	515	98.45%
MED	15/100	75	105	105	100.00%
LOW	.50/10	90	10.3	10.2	100.98%
	Assessed of Tracks &	1			

Average of Tests As Found:

Result: PASSED

Oxygen: 20.8

Michael Shipley

Size	High Flow	AWWA Standard	Mid Flow	AWWA Standard	Minimum Flow
1.5"	90 gpm for 300 gal	98.5% - 101.5%	10 gpm for 100 gal	98.5% - 101.5%	4 gpm for 100 gal
2"	120 gpm for 300 gal	98.5% - 101.5%	10 gpm for 100 gal	98.5% - 101.5%	4 gpm for 100 gal
3"	275 gpm for 600 gal	98.5% - 101.5%	20 gpm for 100 gal	98.5% - 101.5%	8 gpm for 100 gal
4"	500 gpm for 1000 gal	98.5% - 101.5%	20 gpm for 1000 gal	98.5% - 101.5%	15 gpm for 100 gal
6"	1100 gpm for 2500 gal	98.5% - 101.5%	40 gpm for 1000 gai	98.5% - 101.5%	30 gpm for 1000 gal
8"	1500 gpm for 4000 gal	98.5% - 101.5%	50 gpm for 1000 gal	98.5% - 101.5%	50 gpm for 1000 gal
2"	100 gpm for 180 gal	97% - 103%	15 gpm for 100 gal	90% - 103%	.25 gpm for 10 gal
3"	150 gpm for 500 gai	97% - 103%	15 gpm for 100 gal	90% - 103%	.50 gpm for 10 gal
4"	200 gpm for 500 gal	97% - 103%	25 gpm for 100 gal	90% - 103%	.75 gpm for 10 gal
6"	500 gpm for 1000 gal	97% - 103%	35 gpm for 100 gal	90% - 103%	1.5 gpm for 100 gaf
8"	600 gpm for 2000 gal	97% - 103%	45 gpm for 100 gal	90% - 103%	2 gpm for 100 gal



Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 09-12-2018

Meter Info: Make: Sensus C2

Serial #: 75371037

Size: 3"

Location: Route 7

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester2

Size: 3"

Last Tested: 07-19-2018

Test As Found

				ICSL AS I OUI	IG.		
		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH	150/500	60	505	504	100.20%	100.50%	100.70%
MED	15/100	80	110	113	97.35%	100.80%	98.12%
LOW	.5/10	90	10.3	10.5	98.10%	100.50%	98.59%
	Average of Tests As	Found:					99.14%

Test After Repair

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH					#DIV/0I		#DIV/0!
MED					#DIV/01		#DIV/0!
LOW					#DIV/0!		#DIV/01
	Average of Tests Af	ter Repair:					#DIV/01

Tested By: Michael Shipley

Card#: W1370



Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 05-10-2017

Meter Info:

Make: Sensus C2

Serial #: 83059648

Size: 3"

Location: Kristen Lane

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07-19-2018

Test As Found

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH	150/500	60	556	551	100.91%	100.50%	101.41%
MED	15/100	80	112	115	97.39%	100.80%	98.17%
LOW	.5/10	105	10.9	11	99.09%	100.50%	99.58%
	Average of Tests As	Found:					99.72%

Test After Repair

		Residual			Resuit	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH					#DIV/0!		#DIV/0!
MED	<u> </u>				#DIV/0!	<u> </u>	#DIV/0!
LOW					#DIV/0!		#DIV/0!
	Average of Tests Aft	er Repair:					#DIV/01

Tested By: Michael Shipley

Card#: W1370



Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 09-12-2018

Meter Info: Make: Sensus C2

Serial #: 85246632

Size: 4"

Location: HWY 191

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07-19-2018

Test As Found

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100	<u> </u>	Accuracy
HIGH	200/500	75	492	501	98.20%	100.50%	98.69%
MED	25/100	100	143	142	100.70%	100.80%	101.51%
LOW	.75/10	120	12.1	12.2	99.18%	100.50%	99.68%
	Average of Tests As	Found:					99.969

Test After Repair

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100	_	Accuracy
HIGH					#DIV/01		#DIV/0!
MED					#DIV/0!	<u></u>	#DIV/0!
LOW					#DIV/0!		#DIV/01
	Average of Tests Af	ter Repair:					#DIV/01

Tested By: Michael Shipley

Card#: W1370



Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 05-10-2017

Meter Info:

Make: Sensus C2

Serial #: 75225289

Size: 3"

Location: Hickory Rd.

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07-19-2018

Test As Found

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH	150/500	70	492	506	97.23%	100.50%	
MED	15/100	85	51	102	50.00%	100.80%	
LOW	.5/10	100	6.9	10.1	68.32%	100.50%	
	Average of Tests As	Found:					72.26%

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH					#DIV/01		#DIV/0!
MED	15/100	85	52	100	52.00%	100.80%	
LOW					#DIV/0!		#DIV/0!
	Average of Tests Af	verage of Tests After Repair:				<u> </u>	#DIV/01

Tested By: Michael Shipley

Card#: W1370

Comments: FAILED

NOTE BAD CHECK VALVE IN PUMP STA. RETEST 3-19-19



Branch Office 740 Enterprise Drive Lexington, KY 40510 Phone: (859)255-0852 Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 09-12-2018

Meter Info: Make: Sensus C2

Serial #: 75371027

Size: 3"

Location: Frank Blevins

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07-19-2018

Test As Found

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH	150/500	50	524	525	99.81%	100.50%	- Titolana a
MED	15/100	75	101	105	96.19%	100.80%	-
LOW	.5/10	90	10.6	10.8	98.15%	100.50%	-
	Average of Tests As	Found:					98.649

Test After Repair

					Pall		
		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH					#DIV/01		#DIV/0!
MED					#DIV/01		#DIV/01
LOW					#DIV/01		#DIV/0!
	Average of Tests Aft	er Repair:					#DIV/0!

Tested By: Michael Shipley

Card#: W1370



Branch Office 740 Enterprise Drive Lexington, KY 40510 Phone: (859)255-0852 Fax: (859)259-1171

CITCO Large Meter Test Record

Customer Name: Morgan Co. Water

Date: 09-12-2018

Meter Info:

Make: Sensus C2

Serial #: 78128789

Size: 4"

Location: Spaws Creek

Meter Tester Information:

Make: Sensus

Type: V2

Serial #: Tester3

Size: 3"

Last Tested: 07-19-2018

Test As Found

		Residual			Result	Curve	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH	412/1000	90	1010	1012	99.80%	100.50%	
MED							
LOW	15/100	120	101	103	98.06%	100.50%	-
	Average of Tests As Found:				<u></u>		99.42%

Test After Repair

		Residual			Result	Сигче	Meter
	Flow Rate	Pressure	Meter	Prover	%=(A/B)x100		Accuracy
HIGH					#DIV/01		#DIV/01
MED					#DIV/01		#DIV/0!
LOW					#DIV/0!		#DIV/0!
	Average of Tests Af	ter Repair:					#DIV/01

Tested By: Michael Shipley

Card#: W1370

APPENDIX C

QUESTION 20

2 PAGES

Morgan County Water District Meter Change Out Report

Service Type

(liA)

Beginning Date

01/01/2018

Cycle **Beginning Account**

(All) 0001-00001-01 **Ending Date** Use Reading Factor 03/12/2019

No

Ending Account			Use Reading Fa		No	
Account Date Serv	rice Old Meter#	Present Reading Previo		Address Usage	New Meter#	Start Reading
0001-00583-09	Timothy S. Lykins		-		erty, KY 41472	Otal t Neading
04/25/18 WT		41012	41012	0	70703324	34257
0001-00980-02 06/05/18 WT	Haskell Sizemore 71043736	43419	97 Stins 43219	son Branch We 200	st Liberty, KY 41472 71043736	0
0001-01525-01	Harold Stidham		101 Ch:	almer Benton R	Ч	
04/27/18 WT	70702195	19867	19067	800	70702313	12564
0002-00187-01 03/08/18 WT	Vivian Lykins 70702661	20054	4043 Lil 18760	berty Rd. West	Liberty, KY 41472 84269944	0
0003-00327-01	Jeneen Roach					U
03/09/18 WT		28562	28562	enterville Rd. V 0	lest Liberty, KY 41472 84269943	0
0004-00360-01	Scott's Body Shop		Old Hw	y. 172 West Lil	berty, KY 41472	
07/17/18 WT	77500244	12080	12080	0	70702648	17089
02/27/18 WT	70702844	41	41	0	77500244	8621
0004-00500-01	Joey Bates		Rt. 172	West Liberty, I	KY 41472	
05/01/18 WT	70703325	21938	21938	0	84269935	0
0004-00570-01	Andrew Legg		Rt. 172	West Liberty, I	KY 41472	
01/25/18 WT	76941076	3162	3162	0	83940739	0
0004-01318-01	Old Primitive Baptist Chui	rch	Rt. 172	West Liberty, I	KY 41472	
02/24/18 WT	70703291	10534	10534	0	83940725	0
0004-03040-01	Delease Brooks		2695 Hv	w 650		
02/07/18 WT	70702125	30698	30698	0	83940738	0
0004-03050-01	Junior Eldridge		2755 Hv	vv. 650		
03/08/18 WT	-	24152	24152	0	84269942	0
0006-00810-03	Jonathan Patton		1735 Hv	vv 364. West Lil	berty, KY 41472	
06/04/18 WT	70702638	40917	40720	197	70703004	42698
0006-01890-01	Kevin Brooks		1094 .lo	nes Craak Was	st Liberty, KY 41472	
03/29/18 WT	70702624	67290	66989	301	84269941	0
0006-01920-01	Sonny & Suzanne Vance		lones (Creek West Libe		
03/08/18 WT	70702623	51168	51168		83940728	0
0006-02820-08	Clifford & Savannah McCl	luce				Ü
05/17/18 WT	70702847	27957	27940	vy 460⊫ vvestt 17	iberty, KY 41472 70702141	18788
0006-03590-01		2,001			70702141	10/00
.05/08/18 WT	Mike Wireman 70702879	41711	955 Hw ₃ 41711		7070000	40007
		40711		0	70702865	19237
0006-04338-01 12/28/18 WT	Scotty & Angle Davis 70702985	49676	4308 St 49348	eele Branch Rd. 328	West Liberty, KY 41472 84898343	0
0008-09480-01	Coty Colyer		594 Peri	ry Rd.		
11/07/18 WT	81870111	1654	1628	26	84898521	0
0009-00030-01 08/03/18 WT	John & Beverly Mays 67404067	37985	690 Mee	eting House Bra	nch Ezel, KY 41425 70702624	67240
		01300			10102024	67318
0009-00750-01 02/07/18 WT	68424417	38475	1161 Hv 38475	y 1010 0	83940729	0
0009-05550-01	Lynne Smith		6385 Hw	ry 772		

Account							
Date	Servi	ce Old Meter#	Present Reading	g Previous Reading Usage		New Meter #	Start Reading
06/05/18	WT	71043778	24706	24647	59	71043778	0
0013-03580	-02	Brenda M, Fairchild		6150	Hwy. 1002 We	st Liberty, KY 41472	
05/23/18	WT	70703758	18615	18615	0	70703458	44476
0013-04750	-01	Jonda Sargent		706 E	llaze Rd.		
04/25/18	WT	72124131	17334	17334	0	70703379	15147
0013-04810	-01	James A. Blair		3220	Pleasant Run R	d.	
02/12/19	WT	83372429	5646	5646	0	84898339	0
0018-00080	-01	Delbert & Ruth Pack		220 H	lwy 705/Long R	d.	
06/05/18	WT	67404118	48423	48259	164	67404118	0



APPENDIX C

QUESTION 28

28 PAGES

Water Utility:		Morgan Co.	. Water District (City of WL)	PWSID	: Ky 0880594	
r the	Month of:	Dec 24 - Jar	n 23		Year:	2018 (City WL)	
1			PER THOUSAND			\$0.00	
2	PURCHA	SE COST PE	RTHOUSAND			\$3.08	
	WATER	BODUOTO	SUBSUBSE			GALLONS	
3	WATER P		r PURCHASED	#0.00			
4	Water Pur			\$0.00		0	0%
5	TTGGGT G	Chasea	TOTAL PRODUC	\$53,838.89	CHACED	17,480,160	100%
6			TOTAL COST	\$53,838.89	CHASED	17,480,160	
	WATER S						
7	Residentia					6,018,820	
8	Commerci	al				238,140	
9	Industrial						
10		ing Stations				0	
11	Wholesale					0	
12	Other Sale	es (explain)	Frederick & Ma	ay & Moses Dri	lling	0	
13				TOTAL WATE	R SOLD	6,256,960	35.79%
14			TOT	AL WATER NO	TSOLD	11,223,200	64.21%
15		WN OF WAT	ER USAGE				
16		atment Plant	N				
17		er Treatment F	rlant				
18	System Flu					3,194,588	
19	Other Hear	tment Usage ge (explain)			1	19,500	
19	Oulei Usaț	je (explain,	_	 -			
20				TOTAL	USAGE	3,214,088	
21			WATER LOSS			ATE PURPOSES	45.82%
	BREAKDO	OWN OF WAT	ER LOST	· -			
22	Tank Overl	lows			[
23	Excavation					W.	
24	Repaired L				1		
25	Unknown L	oss				8,009,112	45.82%
26			TOTAL WATER	NOT SOLD OF	2 LISED	8,009,112	
27		с	OST OF WATER			\$24,668.06	
							
	"UNKNOW	N LOSS" FLO	OW RATE AND C	OST:			
28	l .			"Unknow	n Loss"	8,009,112	
29				% "Unknow	n Loss"	45.82%	
30				mber of Days ir		30	
31	1	"ບ:	nknown Loss" per	Day (Gallons p	er Day) ¯	266,970	
32			"Unknown L	oss" per Minute	(GPM)	185.40	
33			"Unknow	n Loss" Cost fo	r Month	\$24,668.06	

Water Utility:		Morgan Co	. Water Dis	strict (Ca	ve Run)	PWSID	:Ky 0880594	
r the I	Wonth of:	Dec 24 - Ja	n 23			Year:	2018	
1		TION COST					\$0.00	
2	PURCHAS	SE COST PE	R THOUSA	AND			\$2.57	
	WATER	BODUCED	- DUDOUA	OFP			GALLONS	
3	WATER P	RODUCED (OF PURCHA	(SED	\$0.00			00/
4	Water Pur				\$30,302.87		11,791,000	0% 100%
5			TOTAL PI	RODUCE	D AND PUR	CHASED		10070
6			TOTAL (COST	\$30,302.87			
7	WATER S Residentia				16			
8	Commerci						5,177,560	
9	Industrial	G1					375,520	
10	Bulk Loadi	ng Stations						
11	Wholesale							
12	Other Sale	s (explain) _	Ca	ampton /	Frenchburg		0	
13					OTAL WATE			47.10%
14				TOTAL	- WATER NO	T SOLD	6,237,920	52.90%
	BREAKDO	WN OF WA	TER USAG	E				
15		tment Plant		_				
16	Wastewate	r Treatment	Plant					
17	System Flu						677,503	
18		lment Usage					2,000	
19	Other Usag	ge (explain)						
20					TOTAL	USAGE	679,503	
21	DDEAMO				PERCENTAG	E FOR I	RATE PURPOSES	47.14%
22	Tank Overf	OWN OF WA	TER LOST					
23	Excavation							
24	Repaired L							
25	Unknown L					ļ	5,558,417	47.14%
26			TOTAL V	NATER N	OT SOLD O	R USED	5,558,417	
27					OT SOLD O		\$14,285.13	
	III IN CALCULA	11.000						
20	I.ONKNOM	N LOSS" FL	OW RATE	AND CO				
28 29					"Unknov "Unknov		5,558,417	
30				Num	ber of Days i		47.14% 30	
31		"1	Jnknown Lo		ay (Gallons)		185,281	
32	1	`			ss" per Minute		128.67	
33					Loss" Cost fo		\$14,285.13	
							, , , , , , , , , , , , , , , , , , , ,	



Water U	tility: Morgan Co. Water District (City of WL) PWS	ID: Ky 0880594	
ר the	Month of: Jan 24 - Feb 23 Year	2018 (City WL)	
1	PRODUCTION COST PER THOUSAND	#0.00l	
2	PURCHASE COST PER THOUSAND	\$0.00 \$3.08	
_		<u></u>	
	WATER PRODUCED or PURCHASED	GALLONS	<u> </u>
3	Water Produced \$0.00	0	0%
4	Water Purchased \$52,860.32	17,162,440	100%
5	TOTAL PRODUCED AND PURCHASE		10070
6	TOTAL COST \$52,860.32		
	WATER SOLD		
7	Residential	4,849,120	
8	Commercial	257,540	
9	Industrial		
10	Bulk Loading Stations	0	
11	Wholesale	0	
12	Other Sales (explain) Frederick & May & Moses Drilling	0	
13	TOTAL WATER SOL	D 5,106,660	29.75%
14	TOTAL WATER NOT SOL		70.25%
	PDEAKDOWN OF WATER HOADE		
15	BREAKDOWN OF WATER USAGE Water Treatment Plant		
16	Wastewater Treatment Plant		
17	System Flushing	2 405 400	
18	Fire Department Usage	3,425,199	
19	Other Usage (explain)	12,000	
	outer codge (orpion),		
20	TOTAL USAG		
21	WATER LOSS PERCENTAGE FOR	RATE PURPOSES	50.22%
-00	BREAKDOWN OF WATER LOST		
22	Tank Overflows		
23	Excavation Breaks		
24 25	Repaired Line Breaks Unknown Loss		
25	Unknown Loss	8,618,581	50.22%
26	TOTAL WATER NOT SOLD OR USED	8,618,581	
27	COST OF WATER NOT SOLD OR USE		
	"UNKNOWN LOSS" FLOW RATE AND COST:		
28	"Unknown Loss"	' '	
29	% "Unknown Loss"		
30 31 × 31	Number of Days in Period		
31	"Unknown Loss" per Day (Gallons per Day		
32 33	"Unknown Loss" per Minute (GPM)		
33	"Unknown Loss" Cost for Month	\$26,545.23	

١	Water U	ility: Morgan Co. Water District (Cave Run) PWSI	D: Ky 0880594	
	r the I	Month of: Jan 24 - Feb 23 Year:	2018	
	1	PRODUCTION COST PER THOUSAND	\$0.00	
	2	PURCHASE COST PER THOUSAND	\$2.57	
			GALLONS	
		WATER PRODUCED or PURCHASED		
	3	Water Produced \$0.00	0	0%
	4	Water Purchased \$28,992.17	11,281,000	100%
	5	TOTAL PRODUCED AND PURCHASE	D 11,281,000	
_	6	TOTAL COST \$28,992.17	32.5	
	7	WATER SOLD	0.440.400	
	8	Residential Commercial	3,116,100	
	9	Industrial	455,280	
	10	Bulk Loading Stations		
	11	Wholesale	<u> </u>	
	12	Other Sales (explain) Campton / Frenchburg	1,000	
		Outer duice (explain)	1,000	
	13	TOTAL WATER SOLE	3,572,380	31.67%
	14	TOTAL WATER NOT SOLI		68.33%
		BREAKDOWN OF WATER USAGE		
	15	Water Treatment Plant		
	16	Wastewater Treatment Plant		
	17	System Flushing	501,489	
	18	Fire Department Usage	1,500	
	19	Other Usage (explain)		
	20	TOTAL USAGE	502,989	
	21	WATER LOSS PERCENTAGE FOR		63.87%
_		BREAKDOWN OF WATER LOST		30107 70
	22	Tank Overflows		
	23	Excavation Breaks		
	24	Repaired Line Breaks		
	25	Unknown Loss	7,205,631	63.87%
		× 7		
	26	TOTAL WATER NOT SOLD OR USED	.,	
~-	27	COST OF WATER NOT SOLD OR USED	\$18,518.47	
		III DIZAGAMA I GOGII EL GAN DATE AND GOGI		
	20	"UNKNOWN LOSS" FLOW RATE AND COST:		
	28	"Unknown Loss"	7,205,631	
	29	% "Unknown Loss"	63.87%	
	30	Number of Days in Period		
	31	"Unknown Loss" per Day (Gallons per Day)	240,188	
	32	"Unknown Loss" per Minute (GPM)	166.80	
	33	"Unknown Loss" Cost for Month	\$18,518.47	

Water Ut	ility: Morgan Co. Water District (City of WL) PWSII	D: Ky 0880594					
.ior the f	fonth of: Feb 24 - March 23 Year:	2018 (City WL)	879				
1	PRODUCTION COST PER THOUSAND	\$0.00					
2	PURCHASE COST PER THOUSAND \$3.08						
		GALLONS					
	WATER PRODUCED or PURCHASED						
3	Water Produced \$0.00	0	0%				
4	Water Purchased \$42,074.56	13,660,570	100%				
5 6	TOTAL PRODUCED AND PURCHASE	D 13,660,570					
÷0	TOTAL COST \$42,074.56						
7	WATER SOLD Residential	4 200 420					
8 ·	Commercial	4,389,420					
9	Industrial	222,000					
10	Bulk Loading Stations	0					
11	Wholesale	0					
12	Other Sales (explain) Frederick & May & Moses Drilling	0					
***	Tredefield willy a tribbes brining						
13	TOTAL WATER SOLI	4,612,220	33.76%				
14	TOTAL WATER NOT SOLI		66.24%				
	BREAKDOWN OF WATER USAGE						
15	Water Treatment Plant						
16	Wastewater Treatment Plant						
17	System Flushing	3,357,856					
18	Fire Department Usage	5,850					
19	Other Usage (explain)						
20	TOTAL HOLO						
20	TOTAL USAGE		44-6707				
21	WATER LOSS PERCENTAGE FOR	KATE PURPUSES	41.61%				
20	BREAKDOWN OF WATER LOST						
22 23	Tank Overflows						
_	Excavation Breaks						
24 25	Repaired Line Breaks Unknown Loss	5 COA CAA	44 040/				
20	CIRCIOWII LOSS	5,684,644	41.61%				
26	TOTAL WATER NOT SOLD OR USED	5,684,644					
27	COST OF WATER NOT SOLD OR USED						
==							
	"UNKNOWN LOSS" FLOW RATE AND COST:						
28	"Unknown Loss"	5,684,644					
29	% "Unknown Loss"						
30	Number of Days in Period						
31	"Unknown Loss" per Day (Gallons per Day)						
32	"Unknown Loss" per Minute (GPM)						
33	"Unknown Loss" Cost for Month						
_							

	Water Utility:		Morgan Co. Water District (Cave Run) PWS		PWSID	Ky 0880594	
	ר the l	Month of:	Feb 24 - M	arch 23	Year:	2018	
	1	PRODUC	TION COST	PER THOUSAND		\$0.00	
	2			ER THOUSAND		\$2.57	
						GALLONS	
Ī				or PURCHASED			10
	3	Water Pro		\$0.00		0	0%
	4 5	Water Pu	rcnased	\$20,580.56	0111000	8,008,000	100%
	6	4		TOTAL PRODUCED AND PUR TOTAL COST \$20,580.56	CHASED	8,008,000	
=		WATER S	OLD				
	7	Residentia	al			2,741,370	
	8	Commerc	ial			383,310	
	9	Industrial					
	10		ing Stations			0	
	11	Wholesale	-				
	12	Other Sale	es (explain) _	Campton / Frenchburg		0	
	13			TOTAL WATE	R SOLD	3,124,680	39.02%
	14			TOTAL WATER NO		4,883,320	60.98%
		DDEAMO					
	15		own or wa atment Plant	TER USAGE	1		
	16	-	er Treatment	Plant			
	17	System Fig		riaiit		275 000	
	18		tment Usage		- 1	375,000	
	19		ge (explain)			2,500	
	20				USAGE		
	21	PREAKO	DWN OF WA	WATER LOSS PERCENTAG	E FOR R	ATE PURPOSES	56.27%
	22	Tank Over		IER LOSI	г		
	23	Excavation			- 1		
	24	Repaired L				9	
	25	Unknown L			L	4 FOE 920	EC 070/
	20	Olikilowii	.033			4,505,820	56.27%
	26			TOTAL WATER NOT SOLD OF		4,505,820	
-	27		(COST OF WATER NOT SOLD OF	RUSED	\$11,579.96	
		PILINIKAIAW	NI OSSUEL	OW RATE AND COST:			
	28	DIAVIACA	M LUSS FL		- 1!!	4 505 000	
	29			"Unknow "Unknow" "		4,505,820	
	30					56.27%	
	31		101	Number of Days in		30	
	32			Jaknown Loss" per Day (Gallons p		150,194	
	33			"Unknown Loss" per Minute "Unknown Loss" Cost fo		104.30	
				OHKHOWH LOSS" COST TO	i IAIÓLI[[]]	\$11,579.96	

0

Water Utility:		Morgan Co	. Water District (C	ity of WL)	PWSID	: Ky 0880594	
or the I	Month of:	March 24 -	April 23		Year:	2016 (City WL)	
1 2			PER THOUSAND R THOUSAND			\$0.00 \$3.08	
						GALLONS	
			r PURCHASED				
3	Water Pro			\$0.00		Ö	0%
4	Water Pu	rchased		\$45,433.14		14,751,020	100%
5 6			TOTAL PRODUC	ED AND PUR (\$45,433.14	CHASED	14,751,020	
	WATER S						
7	Residentia					4,661,280	
8	Commerc	ial				262,530	
9	Industrial						
10		ing Stations				0	
11	Wholesale					0	
12	Other Sale	es (explain) _	Freder	ick & May		0	
13			•	TOTAL WATE	R SOLD	4,923,810	33.38%
14				L WATER NO		.,,-	66.62%
	PPEAKO	OWN OF WAT					
15		atment Plant	ER USAGE		1		
16		annent Plant er Treatment I	Dlont				
17	System Fit		riaiil			0.007.004	
18		tment Usage				3,237,961	
19	Other Usa	ge (explain)				33,000	
		g					
20				TOTAL		3,270,961	
21				PERCENTAG	E FOR R	ATE PURPOSES	44.45%
		OWN OF WA	TER LOST				
22	Tank Oven				[
23	Excavation						
24	Repaired L				[
25	Unknown L	.oss				6,556,249	44.45%
26			TOTAL WATER	NOT SOLD OF	RUSED	6,556,249	
27			OST OF WATER	NOT SOLD OF	RUSED	\$20,193.25	
	M1 12 44 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			10.00			
	J"UNKNOW	N LOSS" FL	OW RATE AND CO				
28				"Unknow		6,556,249	
29				% "Unknow		44.45%	
30			Nur	nber of Days in	Period	30	
31	1	"[Inknown Loss" per	Day (Gallons p	er Day) ¯	218,542	
32	l			oss" per Minute		151.77	
33			"Unknowr	Loss" Cost for	r Month	\$20,193.25	



	Water Utility:		Morgan Co	o. Water District (Cave Run)	PWSID	:Ky 0880594	
	or the l	Month of:	March 24 -	April 23	Year:	2016 (CAVE RN)	
	1 2			PER THOUSAND ER THOUSAND		\$0.00 \$2.57	
					**	GALLONS	
				or PURCHASED			
	3	Water Pro		\$0.00		0	0%
	4	Water Pu	rchased	\$25,006.10		9,730,000	100%
	5 6			TOTAL PRODUCED AND PURCE TOTAL COST \$25,006.10	CHASED	9,730,000	
		WATER S					
	7	Residentia				3,131,610	
	8	Commerc	ial			405,820	
	9	Industrial					
	10		ling Stations			0	
	11	Wholesale	_				
	12	Other Sale	es (explain) _	Campton / Frenchburg		53,000	
	13			TOTAL WATE	R SOLD	3,590,430	36.90%
_	14			TOTAL WATER NO			63.10%
_			· · · · · · · · · · · · · · · · · · ·				
				TER USAGE			
	15		atment Plant				
	16		er Treatment	Plant			
	17	System FI				518,249	
	18		rtment Usage	•		4,000	
	19	Other Usa	ige (explain)_			ii .	
	20			TOTAL	HEACE	E00.040	
	21			WATER LOSS PERCENTAG			57.73%
_		BREAKD	OWN OF WA	TER LOST	LIONI	CATE PORTOSES	31.1370
	22	Tank Over			i		
	23	Excavation				660,000	
	24		ine Breaks			000,000	
	25	Unknown I				4,957,321	50.95%
						•	5
	26			TOTAL WATER NOT SOLD OF		5,617,321	
_	27			COST OF WATER NOT SOLD OF	RUSED	\$14,436.51	
		W DUZNOV	M11 000" F	AW DATE AND ADDR			
	20	LONKNON	VN LOSS" FI	LOW RATE AND COST:			
	28			"Unknow		4,957,321	
	29			% "Unknow	_	50.95%	
	30		88	Number of Days in		30	
	31		**	Unknown Loss" per Day (Gallons p		165,244	
	32			"Unknown Loss" per Minute		114.75	
	33			"Unknown Loss" Cost fo	r Month	\$12,740.31	

Water U	tility:	Morgan Co	. Water District (C	ity of WL)	PWSID	: Ky 0880594	
For the l	Month of:	April 24 - M	lay 23		Year:	2016 (City WL)	
1 2			PER THOUSAND R THOUSAND			\$0.00 \$3.08	
						GALLONS	
			PURCHASED				
3	Water Pro			\$0.00		0	0%
4	Water Pu	rchased		\$40,328.23		13,093,580	100%
5			TOTAL PRODUC		CHASED	13,093,580	
6			TOTAL COST	\$40,328.23		2	
_	WATER S						
7	Residentia					5,131,450	
8	Commerc	ial				217,290	
9	Industrial						
10		ing Stations				Ō	
11	Wholesale					0	
12	Other Sale	es (explain) _	Jag	g, Inc.		36,000	
13				TOTAL WATE	R SOLD	5,384,740	41.13%
14		<u>.</u>	TOTA	L WATER NO	TSOLD	7,708,840	58.87%
	DDEAKD	NAME OF MA					
15		OWN OF WAT	IER USAGE				
16		atment Plant	Dlaut				
17		er Treatment i	Plant				
18	System Flu	tment Usage				3,111,416	
19						34,500	
19	Ourier Usa	ge (explain)		···			
20				TOTAL	USAGE	3,145,916	
21	N		WATER LOSS	PERCENTAG	E FOR R	RATE PURPOSES	34.85%
	BREAKD	OWN OF WA	TER LOST		·		
22	Tank Over	flows					
23	Excavation	Breaks			1		
24		ine Breaks			1	***	
25	Unknown L	.oss				4,562,924	34.85%
26			TOTAL WATER	NOT SOLD OI	D 116EU	4,562,924	
27		(COST OF WATER			\$14,053.81	
						7.11,000,001	
	"UNKNOW	N LOSS" FL	OW RATE AND CO	OST:			
28				"Unknow	n Loss"	4,562,924	
29				% "Unknow		34.85%	
30			Nur	nber of Days in		30	
31		" [Jnknown Loss" per	Day (Gallons r	er Dav)	152,097	
32				oss" per Minute		105.62	
33				Loss" Cost fo		\$14,053.81	
			,			,	

Water U	tility: Morgan Co. Water District (Cave Run) PW:	SID: Ky 0880594	
For the I	Month of: April 24 - May 23 Yea	r: 2016 (CAVE RN)	
1	PRODUCTION COST PER THOUSAND	\$0.00	
2	PURCHASE COST PER THOUSAND	\$2.57	
		42.01	
		GALLONS	
_	WATER PRODUCED or PURCHASED		
3	Water Produced \$0.00	0	0%
4	Water Purchased \$23,492.37	9,141,000	100%
5 6	TOTAL PRODUCED AND PURCHAS TOTAL COST \$23,492.37	9,141,000	
	WATER SOLD \$25,492.37		
7	Residential	3,718,570	
8	Commercial	527,390	
9	Industrial	527,500	
10	Bulk Loading Stations	0	
11	Wholesale		
12	Other Sales (explain) Campton / Frenchburg		
40			
13 14	TOTAL WATER SO		46.45%
14	TOTAL WATER NOT SO	LD 4,895,040	53.55%
	BREAKDOWN OF WATER USAGE		
15	Water Treatment Plant		
16	Wastewater Treatment Plant		
17	System Flushing	494,799	
18	Fire Department Usage	9,500	
19	Other Usage (exptain)		
20	TOTAL USA	• • • • •	
21	WATER LOSS PERCENTAGE FO	R RATE PURPOSES	48.03%
22	BREAKDOWN OF WATER LOST Tank Overflows		
23	Excavation Breaks		
24	Repaired Line Breaks		
25	Unknown Loss	4,390,741	48.03%
		4,350,141	40.0376
26	TOTAL WATER NOT SOLD OR US	ED 4,390,741	
27	COST OF WATER NOT SOLD OR US		
	"UNKNOWN LOSS" FLOW RATE AND COST:		
28	"Unknown Los		
29	% "Unknown Los		
30	Number of Days in Peri		
31	"Unknown Loss" per Day (Gallons per Da		
32	"Unknown Loss" per Minute (GP	· ·	
33	"Unknown Loss" Cost for Mor	nth \$11,284.20	



Water Utility:		Morgan Co. Wate	r District (City of WL)	PWSID	:Ky 0880594	
or the N	fonth of:	May 24 - June 23		Year:	2018 (City WL)	
1 2		TION COST PER T SE COST PER THO			\$0.00 \$3.08	
					GALLONS	
	WATER F	RODUCED or PUR	CHASED			· · · · · ·
3	Water Pro		\$0.00		0	0%
4	Water Pu		\$36,888.42		11,976,760	100%
5 6		ТОТ	AL PRODUCED AND PUR FAL COST \$36,888.42		11,976,760	
_	WATER S					
7	Residentia				5,987,870	
8	Commerc	ial			288,370	
9	Industrial	Ot-1:				
10 11	Wholesale	ing Stations			0	
12					0	
12	Other Sak	es (explain)			0	
13			TOTAL WAT		, ,	52.40%
14	·		TOTAL WATER N	OT SOLD	5,700,520	47.60%
	DDEAKD	OWN OF WATER U	CACE			
15		atment Plant	SAGE			
16		er Treatment Plant				
17	System Fi				3,076,558	
18		rtment Usage			45,000	
19		ge (explain)			40,000	
00						
20 21		184		. USAGE	' ' -	
- 21	DDEAVD	OWN OF WATER L	ATER LOSS PERCENTA	GE FUR	RATE PURPOSES	21.53%
22	Tank Over		081			
23	Excavation					
24		ine Breaks			43,000	
25	Unknown I				2,535,962	21.17%
20	Ommowiii	1000			2,333,902	21.1770
26		тот	AL WATER NOT SOLD	OR USED	2,578,962	
27		COST	OF WATER NOT SOLD	OR USED	\$7,943.20	
	r::					
	"UNKNOV	VN LOSS" FLOW R		-		
28				wn Loss"	2,535,962	
29			% "Unkno		21.17%	
30		A	Number of Days			
31		"Unknov	vn Loss" per Day (Gallons		84,532	
32			"Unknown Loss" per Minu		58.70	
33			"Unknown Loss" Cost	for Month	\$7,810.76	



Water U	tility:	Morgan Co.	Water District (C	ave Run)	PWSID	Ky 0880594	
or the N	Month of:	May 24 - Jui	ne 23		Year:	2018 (CAVE RN)	6
1 2			PER THOUSAND			\$0.00	
2	PURCHA	SE CUST PER	R THOUSAND			\$2.57	
	MATED D	PODUCED -	- DUDCULACED			GALLONS	
3	Water Pro		r PURCHASED	\$0.00		0	00/
4	Water Pur			\$24,366.17		9,481,000	0% 100%
5	***************************************	ondoca	TOTAL PRODUC		CHASED		10070
6	**		TOTAL COST	\$24,366.17		9,401,000	
	WATER S						
7	Residentia		•			3,996,520	
8	Commerci	al				378,750	
9 10	Industrial	ing Stations					
11	Wholesale	ing Stations				0	
12		es (explain)	Campton	/ Frenchburg			
12	Outer Gale	ė (exbiaiii)	Campton	/ Frenchburg		<u> </u>	
13			•	TOTAL WATE	R SOLD	4,375,270	46.15%
14			TOTA	L WATER NO	T SOLD	5,105,730	53.85%
	DDEVKDO	OWN OF WAT	EDUCACE				
15		atment Plant	ER USAGE				
16		aument Flant er Treatment F	Diant				
17	System Flu		- Iai It			780,961	
18		tment Usage				10,500	
19		ge (explain)				10,300	
	•	· · · · ·					
20			144 TPD 1 000	TOTAL		. = .1	
21	PREAKDA	OWN OF WAT		PERCENTAG	E FOR F	RATE PURPOSES	45.50%
22	Tank Over		IER LUST		1		
23	Excavation						
24	Repaired L					175,000	
25	Unknown L				l	4,139,269	43.66%
						4, 100,200	40.0070
26			TOTAL WATER	NOT SOLD O	R USED	4,314,269	
27			OST OF WATER	NOT SOLD O	R USED	\$11,087.67	
	WI INICAION	ALL OCCUEL	OM DATE AND O	207			
28	UNKNOW	IN LUSS" FL	OW RATE AND CO		m l caall	4 400 000	
26 29				"Unknow "Unknow		4,139,269	
30			Nim	mber of Days in		43.66% 30	
31		պ	Inknown Loss" per			137,976	
32	2.0	C		oss" per Minute		95.82	
33				n Loss" Cost fo		\$10,637.92	
50			OHNHOW	1 2033 003(10	n WOHUI	Ψ10,037. 3 2	



Water Uti	lity:	Morgan Co.	Water District (City	of WL)	PWSID:	Ky 0880594	
or the M	onth of:	June 24 - Jul	y 23		Year:	2018 (City WL)	
1	PRODUCT	ION COST PE	ER THOUSAND			\$0.00	
2	PURCHAS	E COST PER	THOUSAND			\$3.08	
						GALLONS	
2			PURCHASED	# 0.00			00/
3 4	Water Prod Water Puro			\$0.00 \$34,369.60		11,158,960	0% 100%
5	vvater 1 dr	naseu	TOTAL PRODUCE		CHASED	11,158,960	100%
6				\$34,369.60	JIIAOED	11,100,000	
	WATER SO						
7	Residential					5,236,990	
8	Commercia	af				174,300	
9	Industrial	on Obstinus					
10 11	Bulk Loadir Wholesale	ng Stations				0	
12	Other Sales	s (evolain)	Hin	kle		20,600	
12	Outer Quiet		Till	NC		20,000	
13			Т	OTAL WATE	R SOLD	5,431,890	48.68%
14			TOTAL	L WATER NO	T SOLD	5,727,070	51.32%
	DDEAKDO	INNI OF WATE	TD UOAOE				
15		WN OF WATE Itment Plant	ERUSAGE]		
16		r Treatment P	lant				
17	System Flu		ian,			3,189,527	
18		ment Usage				16,000	
19	Other Usag						
		_					
20			144177777 1 0000		USAGE		22 222/1
21	DDEAKDO	WN OF WAT		PERCENTAG	EFURF	ATE PURPOSES	22.60%
22	Tank Overfi		EK LUS I		1		
23	Excavation						
24	Repaired Li					155,000	
25	Unknown Lo					2,366,543	21.21%
26			TOTAL WATER			2,521,543	
27			COST OF WATER N	OT SOLD O	R USED	\$7,766.35	
	WI INIIZNIONA	N I OCCIL EL C	NA DATE AND COO	T.			
28		IN LUSS" FLU	W RATE AND COS	u: "Unknov	vn Loce ⁿ	2,366,543	
29				"Unknov		2,366,543	
30			Num	ber of Days i	_	30	
31		n	Unknown Loss" per l	•		78,885	
32			"Unknown Lo	• •		54.78	
33				Loss" Cost fo		\$7,288.95	
						10	



Water Ut	ility:	Morgan Co	. Water District (Cave	Run)	PWSID	Ky 0880594	
or the N	fonth of:	June 24 - J	uly 23		Year:	2018 (CAVE RN)	
1 2			PER THOUSAND R THOUSAND			\$0.00	
2	rokona	SE COST PE	RIHOUSAND			\$2.67	
	WATER P	PODLICED A	r PURCHASED			GALLONS	
3	Water Pro			80.00			0%
4	Water Pur			24,030.00		9,000,000	100%
5			TOTAL PRODUCE		CHASED		10070
- 6				24,030.00		3,333,533	
	WATER S						
7	Residentia					3,314,690	
8	Commerci	al				290,750	
9	Industrial						
10		ing Stations				0	
11 12	Wholesale		0				
12	Other Sale	es (explain) _	Campton / F	renchburg			
13			TC	TAL WATE	R SOLD	3,605,440	40.06%
14				WATER NO		5,394,560	59.94%
45		OWN OF WAT	FER USAGE				
15 16		atment Plant	DV (
17		er Treatment I	Plant			222.222	
18	System Flu	tment Usage				803,629	
19		ge (explain)	Walk	or		8,500	
10	Outer Osaş	ae (exhigiii) —	AAGIK	EI		33,100	
20		-		TOTAL	USAGE	845,229	
21				ERCENTAG	E FOR F	RATE PURPOSES	50.55%
		OWN OF WA	TER LOST				
22	Tank Over						
23	Excavation						
24	Repaired L					220,000	
25	Unknown L	.OSS				4,329,331	48.10%
26			TOTAL WATER NO	OT SOLD O	RUSED	4,549,331	
27			COST OF WATER NO			\$12,146.71	
				<u>-</u>			
	"UNKNOW	'N LOSS" FL	OW RATE AND COST				
28				"Unknow		4,329,331	
29				% "Unknow		48.10%	
30				er of Days in		30	
31			"Unknown Loss" per Da			144,311	
32			"Unknown Los			100.22	
33			"Unknown L	.oss" Cost fo	r Month	\$11,559.31	

V	Nater Ut	ility: Morg	an Co. Water Dist	rict (City of WL)	PWSID	: Ky 0880594	
7	or the N	lonth of: July	24 - August 23		Year:	2018 (City WL)	
	1 2		OST PER THOUS			\$0.00 \$3.08	
_						GALLONS	
Π			CED or PURCHAS				
	3	Water Produced		\$0.00		0	0%
	4	Water Purchased		\$33,560.70		10,896,330	100%
	5			ODUCED AND PUR	CHASE	10,896,330	
_	6		TOTAL CO	OST \$33,560.70			-
	-	WATER SOLD					
	7	Residential				5,400,280	
	8	Commercial				216,270	
	9	Industrial	4:			<u>-</u>	
	10 11	Bulk Loading Sta Wholesale	tions			0	
	12		I_:_\	Halda		0	
	12	Other Sales (exp	lain)	Hinkle			
	13			TOTAL WATE	:D 901 D	E 616 EED	E4 EE0/
	14			TOTAL WATER NO			51.55% 48.45%
_	45		F WATER USAGE			110	
	15 16	Water Treatment					
	17	Wastewater Trea	tment Plant			2 6 2 2 2 1	
	18	System Flushing	lanes			3,930,894	
	19	Fire Department Other Usage (exp				32,000	
	13	Outer Osage (exp	naiir,			<u></u>	
	20			TOTAL	USAGE	3,962,894	
	21		WATER	LOSS PERCENTAG			12.09%
Ť		BREAKDOWN C	F WATER LOST				
	22	Tank Overflows					
	23	Excavation Break	S				
	24	Repaired Line Bre	eaks			13,602	
	25	Unknown Loss				1,303,284	11.96%
	26			ATER NOT SOLD O		1,316,886	
_	27		COST OF W	ATER NOT SOLD O	R USED	\$4,056.01	
						7/2	
		"UNKNOWN LOS	SS" FLOW RATE A			Ì	
	28				wn Loss"	1,303,284	
	29			% "Unknov		11.96%	
	30		444 A A	Number of Days i			
	31			s" per Day (Gallons		43,443	
	32			own Loss" per Minut		30.17	
	33		"Ur	nknown Loss" Cost fo	or Month	\$4,014.11	

Water Ut	ility:	Morgan Co.	Water District (Ca	ave Run)	PWSID	: Ky 0880594	
For the N	fonth of:	July 24 - Au	gust 23		Year:	2018 (CAVE RN)	**
1 2			PER THOUSAND R THOUSAND			\$0.00 \$2.67	
						GALLONS	
	WATER P	RODUCED o	r PURCHASED				
3	Water Pro			\$0.00		0	0%
4	Water Pui	rchased		\$24,120.78		9,034,000	100%
5 6			TOTAL PRODUC	ED AND PUR \$24,120.78	CHASED	9,034,000	
	WATER S						
7	Residentia					3,728,050	
8	Commerci	ial				398,750	
9	Industrial	· 0::					
10	Wholesale	ing Stations				0	
11 12		-	Compton	/ Cranabbura			
12	Outer Sale	es (explain)	Campton	/ Frenchburg			
13				TOTAL WATE	R SOLD	4,126,800	45.68%
14			TOTA	L WATER NO	T SOLD	4,907,200	54.32%
	DDEAMO)					
15		DWN OF WAT atment Plant	ER USAGE				
16		aunem Flam er Treatment F	Dlant			 	
17	System Flo		riaiit			905,000	
18		tment Usage				5,000	
19		ge (explain)	Hi	nkle		20,600	
		3- (<u> </u>				20,000	
20			w.		USAGE		
21				PERCENTAG	E FOR I	RATE PURPOSES	44.02%
20		OWN OF WAT	TER LOST				
22	Tank Over						
23 24	Excavation					400 000	
24 25	Unknown l	ine Breaks				432,828 3,543,772	20 220/
23	OHRHOWH	-055				3,543,772	39.23%
26			TOTAL WATER	NOT SOLD O	R USED	3,976,600	
27			OST OF WATER	NOT SOLD O	R USED	\$10,617.52	
	Int to tree to to	W. I. COOK EL					
20	UNKNOW	AM F022 FF	OW RATE AND CO		um f aaat	2 542 770	
28 29				"Unknov "Unknov		3,543,772	
30			p.ł	onknov % nber of Days i		39.23% 30	
31		այ	nknown Loss" per			118,126	
32	ı		•	oss" per Minut		82.03	
33				n Loss" Cost fo		\$9,461.87	
			Otherowi	LOGG COSUR	JI WIOHUI	ψο, το 1.07	



Water Utility:		Morgan Co	. Water District (C	ity of WL)	PWSID	Ky 0880594	
r the N	fonth of:	Aug 24 - Se	ept. 23		Year:	2018 (City WL)	
1 2			PER THOUSAND R THOUSAND			\$0.00 \$3.08	
		Œ				GALLONS	
	WATER	PRODUCED	or PURCHASED		· · · · · · · · · · · · · · · · · · ·		
3	Water Pro			\$0.00		0	0%
4	Water Pu	rchased		\$39,315.34		12,764,720	100%
5 6			TOTAL PRODUC	ED AND PUR \$39,315.34	CHASED	12,764,720	
··	WATER S	SOLD			···········		
7	Residenti					5,053,980	
8	Commerc	ial				264,950	
9	Industrial						
10		ing Stations				0	
11 12	Wholesale	_		i_tal_		0	
12	Other San	es (explain) _	н	inkle			
13				TOTAL WATE		5,318,930	41.67%
14			TOTA	L WATER NO	T SOLD	7,445,790	58.33%
	BDEAKD	OWN OF WA	TER USAGE				
15		eatment Plant					
16		er Treatment					
17	System Fl					3,760,452	
18		rtment Usage	}			2,000	
19		ige (explain)_					
20				TOTAL	USAGE	3,762,452	
21			WATER LOSS			ATE PURPOSES	28.86%
	BREAKD	OWN OF WA				OTTE TOTAL COLO	20.00 /0
22	Tank Ove				1		
23	Excavation	n Breaks					
24	Repaired !	Line Breaks				280,000	
25	Unknown	Loss				3,403,338	26.66%
26			TOTAL WATER	NOT SOLD O	Dileen	2 602 220	
27			COST OF WATER			3,683,338 \$ 11.344.68	
							
	"UNKNOV	VN LOSS" FI	LOW RATE AND CO	OST:			
28				"Unknow		3,403,338	
29				% "Unknow	_	26.66%	
30				mber of Days in		30	
31	}	10	Unknown Loss" per			113,445	
32				oss" per Minute		78.78	
33			"Unknow	n Loss" Cost fo	r Month	\$10,482.28	

Water Uti	lity: Morgan Co. Water District (Cave Run)	PWSID	Ky 0880594	
r the M	lonth of: August 24 - Sept. 24	Year:	2018 (CAVE RN)	
1	PRODUCTION COST PER THOUSAND		\$0.00	
2	PURCHASE COST PER THOUSAND		\$2.67	
			GALLONS	
•	WATER PRODUCED or PURCHASED			00/
3 4	Water Produced \$0.00 Water Purchased \$29,124.3	ne.	10,908,000	0% 100%
5	TOTAL PRODUCED AND PL			10076
6	TOTAL COST \$29,124.3			
	WATER SOLD			
7	Residential		3,221,790	
8	Commercial		379,920	
9 10	Industrial Bulk Londing Stations		4,000	
11	Bulk Loading Stations Wholesale		4,000	
12	Other Sales (explain) Campton / Frenchburg	g		
13	TOTAL WATER		-11-	33.06%
14	TOTAL WATER	NOT SOLD	7,302,290	66.94%
	BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant			
16	Wastewater Treatment Plant			
17	System Flushing		1,029,203	
18	Fire Department Usage		19,000	
19	Other Usage (explain) Walker		105,400	
20	TOTA	AL USAGE	1,153,603	
21	WATER LOSS PERCENT			56.37%
	BREAKDOWN OF WATER LOST			
22	Tank Overflows			
23	Excavation Breaks			
24	Repaired Line Breaks		0	
25	Unknown Loss		6,148,687	56.37%
26	TOTAL WATER NOT SOLD	OR USED	6,148,687	
27	COST OF WATER NOT SOLD			
	"UNKNOWN LOSS" FLOW RATE AND COST:			
28		nown Loss"	, ,	
29		nown Loss"		
30	Number of Day			
31 32	"Unknown Loss" per Day (Gallor "Unknown Loss" per Mir			
33	"Unknown Loss" Cos			
30	Olikilowii Luss Ous	A TOT IPIOTIUI	Ψ10,410.33	

Water Utility:		Morgan Co. Wa	ter District (City of WL)	PWSID	:Ky 0880594	
or the M	lonth of:	Sept. 24 - Oct. 2	3	Year:	2018 (City WL)	
1		TION COST PER			\$0.00	
2	PURCHAS	SE COST PER TH	IOUSAND		\$3.08	
				···	GALLONS	
3	WATER P Water Pro	RODUCED or PU	RCHASED \$0.00		0	0%
4	Water Pur		\$0.00 \$37,354.8	10	12,128,210	100%
5	TTGIGIT GI		TAL PRODUCED AND PU			10070
6			OTAL COST \$37,354.8		12,123,210	
	WATER S					****
7	Residentia				4,522,880	
8 9	Commerci Industrial	aı			315,500	
10		ng Stations			0	
11	Wholesale					
12		es (explain)	Hinkle		10	
40						
13 14			TOTAL WA		., ,	39.89% 60.11%
			TOTAL	101 0044	1,200,000	00.1175
		OWN OF WATER	USAGE			
15		atment Plant				
16		er Treatment Plant	t		0.704.400	
17 18	System Fit	ısnıng tment Usage			3,734,428	
19		ge (explain)			2,500	
		9- (p,			 	
20		_		AL USAGE		
21	DDEAKO	OWN OF WATER	WATER LOSS PERCENT	AGE FOR	RATE PURPOSES	29.29%
22	Tank Over		LU31			
23	Excavation					
24		ine Breaks				
25	Unknown L				3,552,902	29.29%
00						
26 27			OTAL WATER NOT SOLD T OF WATER NOT SOLD			
		003	1 OF WATER NOT SOLD	OR USED	\$10,042.04	
1	"UNKNOW	N LOSS" FLOW	RATE AND COST:			
28				nown Loss"	3,552,902	
29				nown Loss"		
30			Number of Day			
31		"Unkn	own Loss" per Day (Gallor			
32			"Unknown Loss" per Mi			
33			"Unknown Loss" Cos	it for Month	\$10,942.94	
					1	



Water Uti	lity:	Morgan Co.	Water District (Ca	ve Run)	PWSID:	Ky 0880594	
or the M	onth of:	Sept. 24 - Oc	t. 24		Year:	2018 (CAVE RN)	
1	PRODUC	TION COST P	ER THOUSAND			\$0.00	
2	PURCHAS	SE COST PER	THOUSAND			\$2.67	
						GALLONS	
•			PURCHASED	60.00			001
3 4	Water Pro Water Pur			\$0.00		8,896,000	0%
4 5	vvater Pur		TOTAL PRODUCE	\$23,752.32 ED AND BUE			100%
6			TOTAL COST	\$23,752.32		8,680,000	
	WATER S						
7	Residentia					4,561,400	
8	Commerci	aı				339,890	
9 10	Industrial	ina Statione					
11	Wholesale	ing Stations					
12		: es (explain)	Campton /	Frenchburg			
4.0		*******	_				
13 14				'OTAL WATI L WATER N		4,901,290 3,994,710	55.10% 44.90%
						3,00 ,, 10	
		OWN OF WAT	ER USAGE			20	
15		atment Plant					
16		er Treatment P	lant e				
17	System Flu					986,400	
18 19		tment Usage ge (explain)	10/0	alker		2,000	
19	Other Usa	ge (explain,	VV2	iker			
20					USAGE		100
21				PERCENTA	GE FOR F	RATE PURPOSES	33.79%
-00		OWN OF WAT	ER LOST				
22 23	Tank Over Excavation						
23 24						0	
2 4 25	Unknown I	ine Breaks			1	3,006,310	33.79%
20	CHRISTINI	LU33				3,000,310	33.15/0
26		_	TOTAL WATER I			3,006,310	
27		C	OST OF WATER I	NOT SOLD (OR USED	\$8,026.85	
+	"UNKNOV	VN LOSS" FLO	OW RATE AND CO	ST:	<u></u>		
28					own Loss"	3,006,310	
29				% "Unkno		33.79%	
30			Nun	nber of Days			
31		"ປ	nknown Loss" per			100,210	
32			"Unknown Lo			69.59	
33				Loss" Cost		\$8,026.85	
						5.5	

Water Utility:		Morgan Co.	Water District	(City of WL)	PWSID:	Ky 0880594	
For the Month of:		Oct. 24 - Nov	. 23		Year:	2018 (City WL)	
1	PRODUCTION COST PER THOUSAND \$0.						
2	PURCHAS	SE COST PER	\$3.08				
						GALLONS	
3	WATER P Water Pro		PURCHASED				00/
4	Water Pur			\$0.00 \$40,415.48		13,121,910	0% 100%
5	TTGICT T GI		TOTAL PROD	UCED AND PUR			10078
6			TOTAL COST			10,121,010	
	WATER S						
7	Residentia					5,141,450	
8 9	Commerci Industrial	aı				442,020	
10		ing Stations				9,400	
11	Wholesale					3,400	
12	Other Sale	es (explain)		Hinkle			
		_					
13 14			TC	TOTAL WAT TAL WATER N			42.62% 57.38%
17			10	TAL WATER IN	OT SOLD	7,328,040	37.36%
	BREAKDO	OWN OF WAT	ER USAGE				
15		atment Plant					
16		er Treatment F	Plant				
17	System Flu	-				3,817,934	
18 19		tment Usage ge (explain)				6,000	
13	Other Usa	ge (explairi,					
20				TOTAL	L USAGE	3,823,934	
21			The state of the s	SS PERCENTA	GE FOR I	RATE PURPOSES	28.24%
00		OWN OF WAT	TER LOST				
22 23	Tank Over Excavation						
23 24		ine Breaks				<u> </u>	
25	Unknown I					3,705,106	28.24%
		2000				0,700,700	#U.T-1/0
26				ER NOT SOLD		.,,	
27		(COST OF WAT	ER NOT SOLD	OR USED	\$11,411.73	
	"I INKNOV	WN LOCC" EL	OW RATE AND	COST			
28	ONKNO	AM FO22 LF	OW RATE AND		own Loss"	3,705,106	
29					own Loss own Loss"	, ,	
30				Number of Days			
31		"լ	Jnknown Loss"	per Day (Gallon:			
32				n Loss" per Mini			
33				nown Loss" Cost			



Water Utility:		Morgan Co.	Water District (Cave Run)	PWSID	: Ky 0880594	
ror the Month of:		Oct. 24 - No	v. 23		Year:	2018 (CAVE RN)	
1 2		TION COST P SE COST PER	PER THOUSAND R THOUSAND			\$0.00 \$2.67	
						GALLONS	
	WATER P	PRODUCED of	PURCHASED				
3	Water Pro			\$0.00		0	0%
4	Water Pui			\$26,774.76		10,028,000	100%
5 6			TOTAL PRODU		CHASEL	10,028,000	
	WATER S						-
7	Residentia					3,209,670	
8	Commerci	ial				428,080	
9 10	Industrial	ine Clations				7 200	
11	Wholesale	ing Stations				7,300	
12		s es (explain)	\	Valker		420,000	
13				TOTAL WATE	B GOI D	4,065,050	40.54%
14			тот	AL WATER NO			59.46%
	BREAKDO	OWN OF WAT	ER USAGE				
15		atment Plant					
16		er Treatment P	Plant				
17	System Flo	ushing				1,006,164	
18	Fire Depar	tment Usage				500	
19	Other Usa	ge (explain)					
20				TOTAL	USAGE	1,006,664	
21			WATER LOS	S PERCENTAG	E FOR F	RATE PURPOSES	49.42%
	BREAKD	OWN OF WAT	ER LOST				
22	Tank Over						
23	Excavation					9	
24	•	ine Breaks				0	
25	Unknown L	_08S				4,956,286	49.42%
26			TOTAL WATER			4,956,286	
27		C	OST OF WATER	R NOT SOLD OF	K USED	\$13,233.28	
	"IINKNOW	/N LOSS" FLO	OW RATE AND C	enst:			
28			nan initia teratifica	"Unknow	n Loss"	4,956,286	
29				% "Unknow	-	49.42%	
30	27		Ni	umber of Days is		30	
31		"ບ	nknown Loss" pe	•		165,210	
32			•	Loss" per Minute		114.73	
33				vn Loss" Cost fo	•	\$13,233.28	
				 			

Water Uti	lity: Morgan Co. Water District (City of WL) PW	SID: Ky 0880594	
or the M	onth of: Nov. 24 - Dec 23	ar: 2018 (City WL)	
1	PRODUCTION COST PER THOUSAND	\$0.00	
2	PURCHASE COST PER THOUSAND	\$3.08	
		GALLONS	
	WATER PRODUCED or PURCHASED		
3	Water Produced \$0.00	0	0%
4	Water Purchased \$41,472.79	13,465,190	100%
5 6	TOTAL PRODUCED AND PURCHA TOTAL COST \$41,472.79	SED 13,465,190	
	WATER SOLD		
7	Residential	4,403,080	
8	Commercial	245,550	
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale	0	
12	Other Sales (explain) Hinkle		
13	TOTAL WATER S	OLD 4,648,630	34.52%
14	TOTAL WATER NOT S		65.48%
45	BREAKDOWN OF WATER USAGE		
15 16	Water Treatment Plant Wastewater Treatment Plant		
17	System Flushing	3,756,106	
18	Fire Department Usage	0,700,100	
19	Other Usage (explain)		
20	TOTAL US	· · · · · · · · · · · · · · · · · · ·	
21	WATER LOSS PERCENTAGE F	OR RATE PURPOSES	37.58%
22	BREAKDOWN OF WATER LOST Tank Overflows		
23	Excavation Breaks		
24	Repaired Line Breaks		
25	Unknown Loss	5,060,454	37.58%
26	TOTAL WATER NOT SOLD OR U	* *	
27	COST OF WATER NOT SOLD OR U	SED \$15,586.20	
	WINKNOWN LOCCUELOW DATE AND COCT.		
28	"UNKNOWN LOSS" FLOW RATE AND COST: "Unknown L	oss" 5,060,454	
29	% "Unknown L		
30	Number of Days in Pe		
31	"Unknown Loss" per Day (Gallons per I		
32	"Unknown Loss" per Minute (G		
33	"Unknown Loss" Cost for M		



Water Uti	ity: Morgan Co. Water District (Cave Run) PWSI): Ky 0880594	
or the M	onth of: Nov. 24 - Dec. 23 Year:	2018 (CAVE RN)	
1	PRODUCTION COST PER THOUSAND	\$0.00	
2	PURCHASE COST PER THOUSAND	\$2.67	
		GALLONS	
_	WATER PRODUCED or PURCHASED		
3 4	Water Produced \$0.00	9,360,000	0% 100%
5	Water Purchased \$24,991.20 TOTAL PRODUCED AND PURCHASE		100%
6	TOTAL COST \$24,991.20	9,500,000	
_	WATER SOLD	0.750.700	•
7	Residential	2,758,790 367,790	
8 9	Commercial Industrial	307,790	
10	Bulk Loading Stations	0	
11	Wholesale	<u> </u>	
12	Other Sales (explain)	0	
13	TOTAL WATER SOL	D 3,126,580	33.40%
14	TOTAL WATER SOLI		66.60%
	DDEAKDOWN OF WATER HOACE		
15	BREAKDOWN OF WATER USAGE Water Treatment Plant		
16	Wastewater Treatment Plant		
17	System Flushing	920,765	
18	Fire Department Usage	1,000	
19	Other Usage (explain)		
20	TOTAL USAG	E 921,765	
. 21	WATER LOSS PERCENTAGE FOR		56.75%
	BREAKDOWN OF WATER LOST		
22	Tank Overflows		
23	Excavation Breaks		
24	Repaired Line Breaks	0	
25	Unknown Loss	5,311,655	56.75%
26	TOTAL WATER NOT SOLD OR USE	5,311,655	
27	COST OF WATER NOT SOLD OR USE	\$14,182.12	
	"UNKNOWN LOSS" FLOW RATE AND COST:		
28	"Unknown Loss	5,311,655	
29	% "Unknown Loss		
30	Number of Days in Perio		
31	"Unknown Loss" per Day (Gallons per Day		
32	"Unknown Loss" per Minute (GPM) 122,95	
33	"Unknown Loss" Cost for Mont	h \$14,182.12	
	A		



Water Utility:		Morgan Co.	Water District (C	ave Run)	PWSID:	Ky 0880594	
or the Me	onth of:	Dec. 24 - Ja	n. 23		Year:	2019 Cave Run	
1	PRODUC	TION COST F	PER THOUSAND			\$0.00	
2	PURCHASE COST PER THOUSAND					\$2.67	
						GALLONS	
0			r PURCHASED				
3	Water Pro			\$0.00		10,000,000	0%
4	Water Put	chased	TOTAL PROPIN	\$26,940.30		10,090,000	100%
5 6			TOTAL PRODUC	\$26,940.30		10,090,000	
	WATER S						
7	Residentia					3,447,780	
8	Commerc	lal				534,590	
9	Industrial	ing Stations				0	
10 11	Wholesale	ing Stations					
12		es (explain)				0	
12	Other out	20 (CAPILITY		AC-1			
13				TOTAL WAT			39.47%
14			TOT	AL WATER N	OT SOLD	6,107,630	60.53%
	DDEAKD	OWN OF WA	TED LISAGE				
15		atment Plant	ILN OSAGE				
16		er Treatment	Plant				
17	System FI		• • • • • • • • • • • • • • • • • • • •			649,490	
18		rtment Usage				1,000	
19		ge (explain)					
20					USAGE		E4 000/
21				SPERCENTA	GE FUR	RATE PURPOSES	54.08%
00	_,,	OWN OF WA	TER LOST				
22 23	Tank Ove						
23 24		Line Breaks				0	
25	Unknown					5,457,140	54.08%
20	CHAHOWH	2000				5,101,110	
26			TOTAL WATER	R NOT SOLD	OR USED	5,457,140	
27			COST OF WATER	R NOT SOLD	OR USED	\$14,570.56	
			<u> </u>				
	"UNKNO	WN LOSS" FL	OW RATE AND				
28					own Loss"		
29				** ********	own Loss"		
30				umber of Days			
31		•	Unknown Loss" pe				
32				Loss" per Minu wn Loss" Cost			
33			UNKNO	wii LUSS CUST		# 14,07 U.00	



Monthly Water Use Report

Water Utility:		Morgan Co.	Water Di	strict (City	of WL)	PWSID:	Ky 0880594	
For the Month of:		Dec. 24 - Ja	n. 23			Year:	2019 (City WL)	
1	PRODUC	TION COST I	PER THOU	JSAND			\$0.00	
2	PURCHASE COST PER THOUSAND						\$3.08	
							GALLONS	
		RODUCED	r PURCH		ተ በ በበ			0%
3 4	Water Pro				\$0.00 \$43,147.41		14,008,900	100%
5	vvalei Fui	Cliased	TOTAL P		D AND PUR	CHASED		10070
6			TOTAL		\$43,147.41			
	WATER S						7 400 000	
7	Residentia						5,163,320	
8	Commerc	ial					359,380	
9	Industrial	lina Stationa						
10 11	Wholesale	ling Stations					0	
12		es (explain)		Hin	kie			
•-		(· ·			
13					OTAL WATE		• •	39.42%
14				TOTAL	WATER NO	JI SOLD	8,486,200	60.58%
	RREAKD	OWN OF WA	TER USAG	GF				
15		eatment Plant		_				
16		er Treatment	Plant					
17	System FI						1,232,324	
18		rtment Usage					5,000	
19	Other Usa	age (explain)_				<u>.</u>		
00					TOTAL	USAGE	1,237,324	
20 21			WATI	EB I 066 E			RATE PURPOSES	51.74%
	DDEAKD	OWN OF WA			LITOLITA	or i oit	TOTAL TOTAL COLO	
22	Tank Ove		II EIX EOO	•				
23	Excavatio							
24		Line Breaks						
25	Unknown						7,248,876	51.74%
			TOTAL	MATER N	OT COLD C	D HEED	7 240 076	
26 27					OT SOLD (
21			0001 01	****	IOT OOLD		V	
	"UNKNO!	WN LOSS" F	LOW RAT	E AND CO	ST:			
28				. •		wn Loss"	7,248,876	
29					% "Unkno	wn Loss"	51.74%	
30	====				ber of Days			
31		11			Day (Gallons			
32			"U ı		ss" per Minu			
33				"Unknown	Loss" Cost	for Month	\$22,326.54	
	L						6	

Monthly Water Use Report

Water Util	ity: Morgan Co. Water District (City of WL) PWSID	: Ky 0880594	
For the Me	onth of: Jan. 24 - Feb. 23 Year:	2019 (City WL)	**
1	PRODUCTION COST PER THOUSAND	\$0.00	
2	PURCHASE COST PER THOUSAND	\$3.08	
		GALLONS	
9	WATER PRODUCED or PURCHASED		0%
3 4	Water Produced \$0.00 Water Purchased \$48,351.35	15,698,490	100%
5	TOTAL PRODUCED AND PURCHASEI		10070
6	TOTAL COST \$48,351.35		
	WATER SOLD		
7	Residential	5,147,310	
8	Commercial	284,100	
9	Industrial		
10 11	Bulk Loading Stations Wholesale		
12	Other Sales (explain) Hinkle	<u> </u>	
	Calco (Capally	<u></u>	
13	TOTAL WATER SOLI	, ,	34.60%
14	TOTAL WATER NOT SOLI	10,267,080	65.40%
	BREAKDOWN OF WATER USAGE		
15	Water Treatment Plant		
16	Wastewater Treatment Plant		
17	System Flushing	1,119,676	
18	Fire Department Usage	1,000	
19	Other Usage (explain)		
20	TOTAL USAGE		- CO OCO/
21	WATER LOSS PERCENTAGE FOR BREAKDOWN OF WATER LOST	RATE PURPOSES	58.26%
22	Tank Overflows		
23	Excavation Breaks		
24	Repaired Line Breaks	1	
25	Unknown Loss	9,146,403	58.26%
26	TOTAL WATER NOT SOLD OR USEE		
27	COST OF WATER NOT SOLD OR USE	\$28,170.92	
-	"I INIVAIONIN LOCC" ELONI BATE AND COCT.		
28	"UNKNOWN LOSS" FLOW RATE AND COST: "Unknown Loss	9,146,403	
29	% "Unknown Loss		
30	Number of Days in Period		
31	"Unknown Loss" per Day (Gallons per Day		
32	"Unknown Loss" per Minute (GPM		
33	"Unknown Loss" Cost for Month	\$28,170.92	
	58		



Monthly Water Use Report

Water Utility:		Morgan Co.	Water District (Cave Run)	PWSID	Ky 0880594	
For the Month of:		Jan. 24 - Fet	o. 23	0.167	Year:	2019 Cave Run	
1 2	PRODUCTION COST PER THOUSAND PURCHASE COST PER THOUSAND					\$0.00 \$2.67	
2	PURCHA	SE COST PER					
	WATED	PODLICED A	PURCHASED			GALLONS	
3	Water Pro		FUNCHMSED	\$0.00		0	0%
4	Water Pu	•		\$29,882.64		11,192,000	100%
5	Trater i u	Toriadea	TOTAL PRODU				
6			TOTAL COST				
	WATER S			•		2 700 440	_
7	Residentia					3,760,410 607,940	
8	Commerc	:IaI				007,940	
9 10	Industrial	ling Stations				0	
11	Wholesak	_				- 0	
12		es (explain)				0	
	0.1.0. 04.						
13				TOTAL WAT		, ,	39.03%
14			то	TAL WATER N	OT SOLD	6,823,650	60.97%
	DDEAKD	O14/1: OF 18/47	TED LICACE				
45		OWN OF WAT eatment Plant	EK USAGE			·	
15 16		ter Treatment i	Clant				
17	System F		- ICH IL			651,987	
18		irtment Usage				3,000	
19	•	age (explain)					
		-90 (01)-u,	······			<u> </u>	
20			w.		L USAGE	· _	
21				SS PERCENTA	GE FOR	RATE PURPOSES	55.12%
		OWN OF WA	TER LOST				
22	Tank Ove						
23	Excavatio					0	
24 25	Unknown	Line Breaks				6,168,663	55,12%
25	Ulikilowii	LOSS				0,100,000	JJ. 12 /J
26			TOTAL WATE	R NOT SOLD	OR USED	6,168,663	
27		(COST OF WATE	R NOT SOLD	OR USED	\$16,470.33	
114	"UNKNO	WN LOSS" FL	OW RATE AND				
28					own Loss'	, ,	
29			_		own Loss'		
30				Number of Days			
31		"[Jnknown Loss" p				
32				n Loss" per Mini			
33			UNKN	own Loss" Cost	IOI WONLF	\$16,470.33	

APPENDIX C

QUESTION 36

1 PAGE

1009 Hwy 172 West Liberty, KY 41472 Phone: (606)743-1204 Fax: (606)743-9585 Board Members: Kyle Risner Zach Engle Shannon Elam Angle Elliott Steve Gunnell

June 29, 2018

ACCOUNT #: (

Service Address

Dear I

Please be advised that the Morgan County Water District is authorized to provide water services to customers within the service area only when they are duly registered customers of the Water District and have paid the required meter hook up fees, etc. Additionally, the Water District may continue to provide services to customers only when they are current on their current water bill. Once a water customer has been disconnected, they are not authorized to tamper with, disable, or in anyway obtain water from the meter or water line in any unauthorized fashion. KRS 514.060 details the crime of Theft of Services. A person is guilty of Theft of Services when they intentionally obtain services by deception, threat, false token, or other means to avoid payment for services known to be available only for compensation. Violation of KRS 514.060 is a Class A Misdemeanor which means that the penalty can be up to a \$500.00 fine and/or a jail sentence up to twelve (12) months, or a combination of both fine and jail time.

The Morgan County Attorney's Office is responsible for prosecuting crimes of Theft of Services in which individuals are accused of obtaining Water District services without compensation. Tampering with or disabling a meter or otherwise obtaining services of the Water District without authorization or compensation is a crime which will be referred to the County Attorney's Office for prosecution.

Date:			
Customer:			
Delivered by:			
Approved by:		··-	

APPENDIX C

QUESTION 37

6 PAGES

AOC-E-035 WarCode: WA
Rev. 01-08
Commonwealth of Kentucky
Court of Justice
RCr 2.05; RCr2.06





Case Number:

County: Court: MORGAN
DISTRICT COURT

Warrant Number: Generated: E08810003059965 2/13/2018 10:23:16AM

Warrant of Arrest Complaint Warrant

Page 1 of 1

Plaintiff. COMMONWEALTH VS. David Collett Defendant

TO ALL PEACE OFFICERS IN THE COMMONWEALTH OF KENTUCKY: You are commanded to arrest the person named below and bring him/her forthwith before the MORGAN COUNTY - DISTRICT COURT. If Court is not in session, you shall deliver him/her to the Jailer of MORGAN County.

David Collett 12921 Highway 191 HAZEL GREEN, KY 41332

Gender Race		Date of Birth Height		Weight	Operator License#	State
М		November 08, 1972			C94604329	OLKY

X to answer charges that he/she committed the offense(s) of:

Chg#	UOR Code	KRS	Туре	Description	ASCF	Counts	Disp Dt	Disp
	01110	514.060	М	THEFT OF SERVICES	N/A	1		
2	28031	514.110	M	RECEIVING STOLEN PROPERTY U/\$500	N/A	1	<u> </u>	

Γ_	The defendant may post bail in the amount of \$	secured by	í
	I the defendant may bost pair in the amount of a	, secureu vy	ı

The defendant may not give bail.

Complaint

The Affiant, Kyle Risner, states that during 11/2/2017 thru 1/29/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offenses of Receiving Stolen Property in violation of KRS 514.060 and Theft of Services in violation of KRS 514.110 when a water meter stolen from Magoffin County Water District was in use on Collett's property in order to unlawfully access a water line belonging to Morgan County Water District, with the goal of acquiring water he did not have a right to access.

EXECUTION

Served By MORGAN, MORGAN COUNTY SHERIFF DEPT., patrick smith, JOHNSON-REGIONAL JAIL-KY058013C. on 03/09/2018

Electronically signed by Judge H. Wilhoit III on 2/9/2018 at 8:37 03AM.

Date printed: Tuesday, February 13, 2018

Agency Local Code:

M Bass-RWOA

NOT ORIGINAL COPY



Summons

Case Number: County:

Court:

MORGAN
DISTRICT COURT

Warrant Number: Generated: E08810003311040 1/1/2019 11:21:05PM

Page 1 of 1

Plaintiff, COMMONWEALTH VS. Rachel Dulen Defendant

Dulen, Rachel #2 South Fork Trailer Park WEST LIBERTY, KY 41472

gender	F
race	WHITE
date of birth	
height	
weight	
operator license#	D0989816

summons / to the above named defendant:

you are hereby summoned to appear before the judge of the above-named court regarding the complaint and criminal charges(s) noted above and based upon the information contained herein, it is found probable cause exists to believe a crime has been committed and that the defendant committed it. if you fail to appear at the stated time and place, you will be subject to the contempt power of the court, which may include issuance of a warrant for your arrest.

Chg#	UOR Code	KRS	Туре	Description	ASCF	Counts	Disp Dt	Ы
1_	01110	514.060	M	THEFT OF SERVICES	N/A	1		\prod

complaint

The Affiant, Steve Pelfrey, states that during 8/27/2018 thru 9/27/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offense of Theft of Services in violation of KRS 514.060, Rachel Dulen, after being shut off by employees of the the Morgan County District on August 27, 2018, Rachel Dulen was found to have unlawfully and without permission restored water flow acquiring services in the amount of \$375.13 when it was checked again by employees of the Morgan County Water District on September 27, 2018.

	summons proof of service	
Served on Defendant named herein this not served because	day of	. 2
		signature of peace officer
court date:	court time:	court room:
court location:		

NOT ORIGINAL COPY



Criminal Complaint Summons Case Number: County:

County:

MORGAN
DISTRICT COURT

Warrant Number: Generated: E08810003255693 4/4/2019 9:49:43AM

Page 1 of 1

Plaintiff. COMMONWEALTH VS. Rocky Dulin Defendant

Dulin, Rocky 3282 Highway 364 WEST LIBERTY, KY 41472

gender	M
race	
date of birth	
height	
height weight	
operator license#	

summons / to the above named defendant:

you are hereby summoned to appear before the judge of the above-named court regarding the complaint and criminal charges(s) noted above and based upon the information contained herein, it is found probable cause exists to believe a crime has been committed and that the defendant committed it. if you fail to appear at the stated time and place, you will be subject to the contempt power of the court, which may include issuance of a warrant for your arrest.

Chg#	UOR Code	KRS	Туре	Description	ASCF	Counts	Disp Dt	Ы
1	01110	514.060	M	THEFT OF SERVICES	N/A	11		П

complaint

The Affiant, Steve Pelfrey, states that on 8/28/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offense of Theft of Services in Violation of KRS 514.060, after being shut off by employees of the Morgan County Water District on November 1, 2017, Rocky Dulin was found to have unlawfully and without permission restored water flow acquiring services in the amount of \$ 115.98 when it was checked again by employees of the Morgan County Water District on August 28, 2018.

		summons proof of ser	vice	
30	Served on Defendant named herein this	day of	,2	
				signature of peace officer
court da	ite:	court time:		court room:
court lo	cation:			

NOT ORIGINAL COPY



Criminal Complaint Summons Case Number:

County:

MORGAN DISTRICT COURT

Warrant Number:

E08810003255648

Generated:

12/27/2018 1:06:36PM

Page 1 of 1

Plaintiff. COMMONWEALTH VS. Christopher Watts Defendant

Watts, Christopher 13377 Highway 191 WEST LIBERTY, KY 41472

gender	M
race	
date of birth	
height	
weight	
operator license#	

summons / to the above named defendant:

you are hereby summoned to appear before the judge of the above-named court regarding the complaint and criminal charges(s) noted above and based upon the information contained herein, it is found probable cause exists to believe a crime has been committed and that the defendant committed it. If you fail to appear at the stated time and place, you will be subject to the contempt power of the court, which may include issuance of a warrant for your arrest.

Chg#	UOR Code	KRS	Туре	Description	ASCF	Counts	Disp Dt	bi
1	01110	514.060	М	THEFT OF SERVICES	N/A	1		П

complaint

The Affiant, Steve Pelfrey, states that on 8/24/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offense of Theft of Services in Violation of KRS 514.060, after being shut off by employees of the Morgan County Water District on July 31, 2018, Christopher Watts was found to have unlawfully and without permission restored water flow acquiring services in the amount of \$ 191.42 when it was checked again by employees of the Morgan County Water District on August 24, 2018.

	summons proof o	of service	
Served on Defendant named herein this not served because	day of	, 2,	
			signature of peace officer
court date;	court time:		court room:

NOT ORIGINAL COPY



Criminal Complaint Summons Case Number:

County: Court: MORGAN DISTRICT COURT

Warrant Number:

E08810003255479

Generated:

4/4/2019 9:50:47AM

Page 1 of 1

Plaintiff. COMMONWEALTH VS. Whitney Carter Defendant

Carter, Whitney 210 Liberty Street WEST LIBERTY, KY 41472

gender	F
race	
date of birth	July 31, 1990
height	
weight	
operator license#	

summons / to the above named defendant:

you are hereby summoned to appear before the judge of the above-named court regarding the complaint and criminal charges(s) noted above and based upon the information contained herein, it is found probable cause exists to believe a crime has been committed and that the defendant committed it. If you fail to appear at the stated time and place, you will be subject to the contempt power of the court, which may include issuance of a warrant for your arrest.

Chg#	UOR Code	KRS	Туре	Description	ASCF	Counts	Disp Dt
1	01110	514.060	M	THEFT OF SERVICES	N/A	1_	

complaint

The Affiant, Steve Pelfrey, states that on 8/24/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offense of Theft of Services in Violation of KRS 514.060, after being shut off by employees of the Morgan County Water District on July 31, 2018, Whitney Carter was found to have unlawfully and without permission restored water flow acquiring services in the amount of \$245.35 when it was checked again by employees of the Morgan County Water District on August 24, 2018.

Served on Defendant named herein this	summons proof of	service, 2	
court date:	court time:		signature of peace officer court room:

date printed: Thurs

Thursday, April 4, 2019

NOT ORIGINAL COPY



Criminal Complaint Summons Case Number:

County: Court: MORGAN
DISTRICT COURT

Warrant Number: Generated: E08810003252548 2/21/2019 9:41:17AM

Page 1 of 1

Plaintiff. COMMONWEALTH VS. Keasha Whitt Defendant

Whitt, Keasha 212 Chester Branch WEST LIBERTY, KY 41472

gender	F
race	
date of birth	April 25, 1988
height	
weight	
operator license#	

summons / to the above named defendant:

you are hereby summoned to appear before the judge of the above-named court regarding the complaint and criminal charges(s) noted above and based upon the information contained herein, it is found probable cause exists to believe a crime has been committed and that the defendant committed it. If you fail to appear at the stated time and place, you will be subject to the contempt power of the court, which may include issuance of a warrant for your arrest.

Chg#	UOR Code	KRS	THE STATE OF THE S	Description	ASCF	Counts	Disp Dt	Ы
1	01110	514.060	M	THEFT OF SERVICES	N/A	1		\top

complaint

The Affiant, Steve Petfrey, states that during 7/31/2018 thru 8/24/2018 in MORGAN County, Kentucky, the above named defendant unlawfully: Committed the offense of Theft of Services in Violation of KRS 514.060, after being shut off by employees of the Morgan County Water District on July 31, 2018, Keasha Whitt was found to have unlawfully and without permission restored water flow acquiring services in the amount of \$ 213.40 when it was checked again by employees of the Morgan County Water District on August 24, 2018.

	summons proof of serv	rice	
Served on Defendant named herein this	day of	, 2	
not served because			
			signature of peace officer
urt date:	court time:		court room:
urt location:			

APPENDIX C

QUESTION 40

4 PAGES

Morgan County Water District Transaction Posting Register

		9	
Batch Range	5 T o 5	Order By	Route
Billing Cycle	All Cycles	•	
Service Type	All Service Types	Print By	Transaction Type
Account Range	All Accounts	AR Code	Not Applicable
Date Range	All Dates	Transaction Type	All Transaction Types
Report Type			
	Summary	Payment Printing Method	Not Applicable
Print Service Detail	. 🖳		Ō
Print Beginning Balance Detai		Posted By	Donna
Print on wide carriage printer			
Account Name	#Of Trans Bat Cyc Date Cod	Beginning le Balance Amount	Ending BD Chk/ Balance Amt Ref# Err
0009-08670-002 Lane, Kim	2 5 1 03/08/19 200		
75 - 1 70	_ 0 0000000 200	٠ - ١٥٠١٠	00 \$109.17 \$0.00
		•	
Totals For Route 0009	Total Adjustments	-\$101.0	10
	Total Payments	\$0.0	0
	Total Deposit Receipts	\$0.0	0
	Total Deposits Applied	\$0.0	
	Total Bad Debt Writeoff		
	Total Bad Debt Recover	+	
	Total Immediate Cash R	•	
		•	
	Total Unapplied Cash	\$0.0	
450.10	Total Rejections	\$0.0	0
AR Code Summary			<u> </u>
	1 200 Ad	ljustments	-\$101.00
Cycle Summary			
- Cydic Commery			
	1 In Cycle 1	1 - Cycle 1	-\$101.00
Totale For Denast	Tatal & diseases	0404.0	•
Totals For Report	Total Adjustments	-\$101.0	
	Total Payments	\$0.0	
	Total Deposit Receipts	\$0.0	0
	Total Deposits Applied	\$0.00	0
	Total Bad Debt Writeoff	\$0.00	0
	Total Bad Debt Recover	y \$0.00	0
	Total Immediate Cash R	=	
	Total Unapplied Cash	\$0.00	
	Total Rejections	\$0.00	
AR Code Summary	· ····································	Ψ0.00	-
	1 200 Ad	i i i atau a ata	#404.00
	1 200 Ad	justments	-\$101.00
Cycle Summary			
· · · · · · · · · · · · · · · · · · ·	1 In Cycle 1	L- Cycle 1	-\$101.00
	in System		-ψ101.00

MORGAN COUNTY WATER DISTRICT CUSTOMER ADJUSTMENT FORM

DATE:	
CUSTOMER NAME: ADDRESS:	Kim Lane a081 Huy. 884 Ezel, Ky 41485
ACCOUNT NUMBER:	9-81070-0-
TYPE OF ADJUSTMENT:	Leak Austomaris Usan
10-18 100 Aven	2433 18,849 ÷ 1000 = 18.85
18.85 X a.601 50.33 105.9	Z- Average usage Amout
105.99 X.890 7 8.18 109	.19
OLD READING: NEW READING:	
OLD AMOUNT DUE: NEW AMOUNT DUE:	210.17 109.17
AMOUNT ADJUSTED OFF:	101.00
USEAGE ADJUSTED OFF:	

March 7, 2019

To whom it concerns,

I, Kim Lane, would like to request a bill reduction for a water leak reported on the February/March bill.

Thank you,

Kim Lane 2087 Hwy 882

Ezel, KY 41472

J.A. OLDFIELD AND SON INC.

Top Crop Fertilizer and Field Seeds Southern States Dealer US 460

MIZE, KY 41352 (606) 743-4116

ISTONER'S OF	NO.	PHONE		J- C	6-1	9
ME		Kins	Lan	<u></u>		
009638						
CASH	C.O.O. (HARGE ON ACC	T. MOSÉ. RETO	PAID OUT		_
	3/4"	CTS	Tee		61. 33.	19
		· LTS			33.	95
5	3/4	" 673	Ensut	8.0	10.	95
	1	.03				
						<u></u>
	of 1% 4	l eys. A fina nc per month ()	12% per)
	Tear) will	accounts.	ं जा की	TAX	6	38
BOLD BY	RECEIVED 6	Y		TOTAL	112.	77
E PRODUCT	8097	All claims	and returned got	ds MUST be	recompanie	ed by this b

273898

. . -

APPENDIX C

QUESTION 41 - A

30 PAGES

FIRE DEPARTMENT WATER USAGE

Month of: \sqrt{A}	<u> </u>	ear: 20 / 8	<u>a</u>
Fire Department Name:	172 HV	/)	
Fire Chief Name:	ORLAXI	KAIL	1
Total gallons from botto	m of page: 65	00	
Location of Fire Hydrant	Gallons	Date	Signature
1. HXY 650	2.6600	1-7-16	401101
2:		8 5	
3.		le re	·
4.	4 <u> </u>	** ** ** ** ** **	
5.			•
6.	- P		
7.	√ <u>•</u>	er û vodes	
8. · · · · · · · · · · · · · · · · · · ·	Q	:	e y 1 y 1

TOTAL GALLONS: 6500

FIRE DEPARTMENT WATER USAGE

tal gallons from botto	m of page:O	est, who	
	, 100	ar el	*
Location of Fire Hydrant	Gallons	Date	Signature
		11	
·	· ·		
	- 'c O	3	
<u> </u>			•
E 107 W 12 E			
			12 10
id •		W	

FIRE DEPARTMENT WATER USAGE

Mont	h of: FEB		Y	'ear: 20 1 8	Ow.
Fire I	Department Name:	411	CX 1.	72	<u>n</u> ∈ n
Fire (Chief Name:	OR	RANJ	NRIGI	17
	gallons from bottom				
			*4		*
	Location of Fire Hydrant	· 🕠	Gallons	Date	Signature
1.					: i
2:		.9	8	7	
3.		. ''-	0	8 · <u>2 , </u>	
4.	9		8	,	
5.	*		0		•
6.			<u>C</u>		
7.	2 2		0	V 5 2	
8.			0		1 A 2

Please return this form before the 5th of each month.

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Month of: F F B		Year: 20 / 8	<u>*</u>
Fire Department Name:	PEddLE	RAAP	7
Fire Department Name:	ORCAN	WRIGH	1
Total gallons from botton	, , , , , , , , , , , , , , , , , , , ,		
	100		
Location of Fire Hydrant	Gallons	Date	Signature
1.	, Q		
2:		\$6	÷ 0
3.	·.'r D	<u> </u>	
4.	0	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ψ. υ .
5		<u>.</u>	
6.			
7.	0	<u> </u>	9
8.			<u> </u>
		•• ±	

TOTAL GALLONS: ____

FIRE DEPARTMENT WATER USAGE

	h of: /// / / / ('			Year: 20 / 6	<u> </u>
Fire I	Department Name:	+ 1x	VX 17	2	
Fire (Chief Name: MC	RA	ANIX	ortah	<u>/</u>
	gallons from bottom	,			<u> </u>
		·	φ.		*
ą.	Location of Fire Hydrant	J	Gallons	Date	Signature
1.	g ¹	· · _	O a		ā
2:	43 ±1	.03	- O	=	E)
3.	er er	``. ^e	0	3 · <u> </u>	e <u>8</u>
4.		- Fi	0		in €
5.	3A		<u> </u>		•
6.	<u></u>	_	d		
7.	2 2	_	Ø		4
8.			a	7 s	SET * *
		25		•	

Please return this form before the 5th of each month.

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Month of: MAR	CHY	ear: 20 1 6	
Fire Department Name:	DEddLE	GAP	(n)
ire Chief Name: //		MRICA	
otal gallons from botton	n of page:	20	<u> </u>
	1		₹
Location of Fire Hydrant	Gallons	Date	Signature
.4	. 0		
es es es es		14	ā 5
***	d' d		Si .
200 E	0		€ 3 . o
· 6878 (C		*	
	B		
		10	
· <u> </u>		8 To	a a a a
	TAT CALLONS.	 PI	

FIRE DEPARTMENT WATER USAGE

Month of: A PRIL	4	Year: 20 [8	*\
Fire Department Name:	₩ A	2	5 R
Fire Chief Name: MOG	LANINA	7, B. Wy	. 6
Total gallons from bottom	of page:	,000	٠
	* (17) × ×××		
Location of Fire Hydrant	Gallons	Date	Signature
1. HWY172	4006	4-6-18	FORST FIRE
2. MWY172	•		54
3.	, 'r	400 100 100 100 100 100 100 100 100 100	a
4.	.a.	20 E	* * * * * * * * * * * * * * * * * * *
5,		18 TS	•
6	- 15		
7.			
8.	,	38 TO	4
	0		

TOTAL GALLONS: 2,000

FIRE DEPARTMENT WATER USAGE

Mon	th of: APR	i L	Y	ear: 20 16	
Fire !	Department Name: 1	DE	JOLF	RGAF	7
	Chief Name: M O			WRIGH	1
Total	gallons from botton	of page	e:	9 60	
	Location of Fire Hydrant	,	Gallons	Date	Signature
1.	3. C. A.	,	0		J
2:	7 . O				
3.		, 1c+	0	- A	
4.	2 2 2 - 540 - C	0	0	-	
5.		*	0		·
6.			<i>1</i>		
7.		: 	D	<u> </u>	
8.	•		a) 1 	80 g 12 f2 f7
	81			w. V.	

Please return this form before the 5th of each month.

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Month of: MAX	Year: 20 [8	# # # # # # # # # # # # # # # # # # #
Fire Department Name: HWY f	72	
Fire Chief Name: MORCA	N NRIG	hat
Total gallons from bottom of page:	13,00	<u>O</u>
Location of	*	
Fire Hydrant Gallon	Date	Signature
1. HKY 172 300	00 51218	POOL
2. HWY172 1,000	0 52118	HEUSE
3. HWY 650 10,0	00 52518	POOL
4.		
5.	045 0	3.7
6.	2 2 2	
7.		
	<u></u>	
8.		VA 30
12 000 gals TOTAL GALLONS	5: 15,00	D
# 190.0103 dro	1.	
12 000 gals TOTAL GALLONS 12 000 gals TOTAL GALLONS Please return this form be 12 -11-18	efore the 5th of each mo	onth.

FIRE DEPARTMENT WATER USAGE

Month of: MAY		ear: 20 / 8	<u> </u>
Fire Department Name:	add LE	RGA	P
Fire Chief Name: M O			ht
Cotal gallons from bottom of p	page:	100	
Location of Fire Hydrant	Gallons	Date	Signature
· *			98
1			
•			C• **
**************************************	B		."
. 4	⊘		# ·
		s = 1	į.
	<i>D</i>		
TOTAT	GALLONS:		

FIRE DEPARTMENT WATER USAGE

Mont	h of: JUNA	7 Ye	ear: 20 / 7	5	, m ₂
Fire I	Department Name: 🔎	EddLER	GAF	3 	18
Fire C	Chief Name: MOS	RGANW	RICH	t	
	gallons from bottom of		9		
	Location of Fire Hydrant	Gallons	Date	% 82	Signature
1. =		. 0			
2:	# # # # # # # # # # # # # # # # # # #		žt	ik	
3.		· ()	÷ •		
4.					
5.	<u>~</u>		40 <u></u>	4.	•
6.	# P		19 29	si Q	
7.		0	**3		
8.		G			2 0

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Mor	nth of:	<u>E</u>	'ear: 20	<u>8'</u>				
Fire	Fire Department Name: WWY 172							
Fire	Chief Name: // 0 /	RGANY	VRICE	LT				
Tota	l gallons from bottom of	page: 15,	000	135,				
	*	9 8		17				
	Location of Fire Hydrant	Gallons	Date	Signature CARE: RE				
1.	HWY172	1500	51118	TRAINING				
2:	HWY179	1500	51618	TANK				
3.	HWY172	1000	61617	SHOW				
4.	HW7589	5,000	61618	pool				
5.	HW7589	5,000	61218	POOL				
6.	HW/172	1,000	62018	6N 501				
7.	7. 4							
8.	100			0				

TOTAL GALLONS: 15,020

FIRE DEPARTMENT WATER USAGE

Mont	h of: TUL		Year: 20 / 8	
Fire I	Department Name:	DEddLE	RGA1	2
Fire (Chief Name: M	ORGAI	Y DYRIGO	J
Total	gallons from botton	n of page:		
	Location of Fire Hydrant	Gallons	Date	Signature
1.		. 4		
2:	ti e	. 0		
3.	2.0	0		
4.		- D	· • • • • • • • • • • • • • • • • • • •	: 3::
5.		<u></u>	. <u> </u>	•
6.				
7.	45 6 6 6 6			
8.	• 4	d		= 8 E X 9

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Mont	h of: 101	У	'ear: 20 <u>∫</u>	4 4
Fire I	Department Name:	1x 7 17	2	
Fire (Chief Name: /X/ D	RGANI	XRIG.	ht
Total	gallons from bottom of	page: 5-0	000	
		s w		
	Location of Fire Hydrant	Gallons	Date	Signature
1.	WWY172	5,000	7.10,18	HOUSEFIRE
2:		2500	7/5	Pool
3.		2500	7/5	- Pool
4.			7	
5.	<u> </u>		: 	
6.			=	
7.	77 73	<u></u>		
8.		<u> </u>		45 W

TOTAL GALLONS: 10 00 00

FIRE DEPARTMENT WATER USAGE

Mon	th of:		<u> </u>	Year: 20 18	19
Fire 1	Department Name:	Cane	Valley	fire Dep	<u>, f</u>
	Chief Name:		•		
Total	gallons from botton	n of page	e:		0 2
	Location of Fire Hydrant	; ;	Gallons	Date	Signature
1.	State Garage	?	5000	7-28-18	Sonya oldha
2:		_		-	<u> </u>
3.					
4.	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			*	
5.				7 <u>9</u>	
6.			9		
7.		· -	3.80	a <u></u>	
8.	V				ES 64 01
	TO	ΓAL GA	ALLONS:	5000	

FIRE DEPARTMENT WATER USAGE

Month of: A C	7 Y	ear: 20 / 💆	** **
Fire Department Name: <u>H</u>	WX173		g (I
Fire Chief Name:	RRAM	MRIG	-47
Total gallons from bottom of	f page: / 9	500	N X
Ÿ	ET 2/		•
Location of Fire Hydrant		Date	Signature
1. HWX/72 2. HWX/72	17,500	8.518	POOL
2. 4××172	2000	8-11-18	pool
3. HIXX172	2500	6.21.18	HOUSERARE
4.	<u></u>	χ _ε	. 21
5.	<u>A</u>		•
6.	<u> </u>		
7.		(e) 2.1 (f)	
8.		W.	
ATOTA	L GALLONS: /	7,500	

FIRE DEPARTMENT WATER USAGE

Mont	h of: AUG	s §	Y	ear: 20 / $\sqrt{5}$	*
Fire I	Penartment Name: L	IKG	FALER	GAD	4
Fire C	Chief Name: 10	RA	BALIN	Riah	<u>, 7</u>
	gallons from botton				
		1	ü		
	Location of Fire Hydrant	gr ∰	Gallons	Date	Signature
1.			()		
2:			<i>O</i>		5 10
3.			0		
4.		_ = _	8	y = = =	<u> </u>
5.	<u> </u>		27		50 ·
6.			0		
7.	W W W	_		5740,	
8.	·				
		TAX C	ATLONG		
		IALG	ALLONS:	1	

FIRE DEPARTMENT WATER USAGE

Montl	h of: Augu	1 - Sep	of	Year: 20	14			
Fire D	Fire Department Name: Blackwale UF0							
Fire C	Chief Name:	e564			 			
100	gallons from botton	4				10 m		
	Location of Fire Hydrant	; ;	Gallons	Date	¥	Signature		
1.	Infront OF BUFD							
	Caney Valley Statro-		6000	-				
3.				10103				
4.				, <u> </u>		155.00		
5.	, i		<u> </u>			•		
6.					8 (a)			
7.	3 ⁹ to	-	- A		<u> </u>	5.97:		
8.						R S		
	TO	TAL GA	LLONS: _	9000		Paid \$87,63 Part 11738		
	Dlagge	magrense d'L	is form hafora	the 5th of	aach month	Q-12-18		

FIRE DEPARTMENT WATER USAGE

Mont					
Fire E	Department Name: /	HK	() [SITZ SANWRIGHT	
Fire C	Chief Name:	D. R	好人	INKIG	6
		93.		<u> </u>	
		2	346		
		£	Gallons	Date	Signature
1. 6		,	8		
2;	* 28 (36)	E 69	0	55	
3.	24. 44.	 'c_	0		
4.		2.	0		V (1
5.	<u> </u>	e v _	<u>A</u>	· · · · · · · · · · · · · · · · · · ·	
6.			0		
7.			<i>O</i>		
8.		- :	P		

TOTAL GALLONS: ______

FIRE DEPARTMENT WATER USAGE

Montl	h of: SEP		<u> </u>	Year: 20 /	
Fire D	l / Department Name: (PE	Gallons Date Signature Gallons Date Signature		
Fire C	Chief Name:	7R	1AN	UNRIGHT	2T
Total	gallons from botton	n of pag	e:	3	<u> </u>
	Location of Fire Hydrant		Gallons	Date	Signature
1.		<i>= '</i> _	A		
2:	e Vi)(8	6	<u></u>	2 5
3.		_ , ,	Q		N
4.	· · · · · ·	7	a		0 3 √ Ø
5.			8.		· · · · · · · · · · · · · · · · · · ·
6.			0		
7.					A #
8.	•		A	E .	# g_50 % St
J.		37		~	

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Month of:	007	Y	ear: 20/	<u> </u>
Fire Departme	ent Name: <u>H</u>	WYIT	2	15
Fire Chief Na	me: 196	RCA OC	WAIG	At
	from bottom of p		n e	
	ation of Hydrant	Gallons	Date	Signature
1.		. 👌	***	
2:	<u> </u>	_ 0		
3	<u>. </u>		# ·	
4.		<u> </u>	8 ²	· ·
5	Si .	B		53 1
6	0	\mathcal{A}	4 <u></u>	
7.		(3)	:	
8.		Ø.	Л	g **
		CALLONS:	<u></u>	

Please return this form before the 5th of each month.

FIRE DEPARTMENT WATER USAGE

Month of:	Y	ear: 20 / 🔏	
Fire Department Name: D	ESTLE	RGA	40
Fire Chief Name: N	nent Name: PESSLER GAD ame: MDR WANRIGHT from bottom of page:		
Total gallons from bottom of	page:	STLER GAD WANNRIGHT	
Location of Fire Hydrant	Gallons	Date	Signature
1.4			
2.	<u>O'</u>	5 =	
3.	." 2	N 801	
4.	\bigcirc	10 No. 20	
5.	<u> </u>		•
6.	d	4. 1	
7.		ā ā	
8.	0		9 5
<u> </u>			V

t-

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Mont	h of: NOV	<u> </u>	Year: 20 / 8	
Fire I	Department Name: 17	WY 17	72	
Fire (Chief Name: MD 1	RG-AN	HRIG.	h
Total	gallons from bottom of	page:	2	· · · · · · · · · · · · · · · · · · ·
	Location of Fire Hydrant	Gallons	Date	Signature
1. ×	25 25	· _ Ø	-	
2:	34			
3.		· · · ·) # ·	
4.		9	2 3	• 3
5.	4			
6.	The state of the s			
7.	2 x	0		
8.		0		Ta 65 50

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Mont	h of: NO1/	Ye	ear: 20 / 8	· · · · · · · · · · · · · · · · · · ·
Fire I	h of: NO Department Name: Pohief Name: MO	EddlER	CAP	ji A
Fire (Chief Name: MD	RGAKI	WRIGI	3, 7
Total	gallons from bottom of	page:	3	<u>8</u>
	Location of Fire Hydrant	Gallons	Date	Signature
1.		· _ O'		
2:				
3.		. ()		
4.				5789
5.				*
6.	£	_0_	· · · · · · · · · · · · · · · · · · ·	
7.	8 8 3	<u> </u>	,3	
8.	• • • • • • • • • • • • • • • • • • • •	7		3 3 5
	ТОТА	L GALLONS:	0	

Please return this form before the 5th of each month.

FIRE DEPARTMENT WATER USAGE

Aonth (of: DEC	ii		Year: 20	
ire De	nartment Name:	418	X 17	2	
ire Ch	ief Name: At	OR	BAN	HR, Gh	<u>ナ</u>
otal ga	allons from botton	of page	e:	<u> </u>	<u> </u>
	Location of Fire Hydrant	, ,	Gallons	Date	Signature
•	e Ro	- ´_	0		
• v _		86 86		3	
0	i ii		O	1 = 4	
11		- :i <u>-</u>	0		• 1.5
		D _	<i>♦</i>		•
118 %	an de la companya de				3
7.				14 10 27	
3.	# P		d	91 	a g E d
-					
	TO	TAL G	ALLONS: _	<i>₩</i>	

FIRE DEPARTMENT WATER USAGE

Month of: DFC	Y	ear: 20 / 6	E
Fire Department Name:	ANAF	DGA9	7
Fire Chief Name:	SGAN I	PRI Rh	7
		4	
Total gallons from bottom of	page:	-	
Location of Fire Hydrant	Gallons	Date	Signature
1.	. 🐧		
2:			
	. (2)		
4.			Sp. 10
5.	Ø.	*	₩
6.	A .	h	
7.	O		
8.		₹ % <u>₩</u>	A 4 4 4
TOTA)	L GALLONS:		

Please return this form before the 5th of each month.

FIRE DEPARTMENT WATER USAGE

Mont	h of: JAN	Ye	ear: 20 / 8	
	Department Name: <u>H</u>	WY 17:	2	
Fire (Chief Name: M 0	RGAN W	richt	
	gallons from bottom o			
	Location of Fire Hydrant	Gallons	Date	Signature
1.		·		
2:				
3.			·	
4.			· · · · · · · · · · · · · · · · · · ·	•22
5.	<u> </u>	0		•
6.	8) 8:	0	e a e	
7.	14 2 14	0	4 <u>2</u>	
8.	ų.			50 - 58 - 49
	TOTA	AL GALLONS:	··	

Please return this form before the 5th of each month.

FIRE DEPARTMENT WATER USAGE

Mont	h of: TAN	Ye	ar: 20 / /	<i>N</i>
	Department Name: D	EddLER	GAP	
Fire C	Chief Name: MO	RLAND	KR, G.F.	1
Total	gallons from bottom of	f page:		
		fü.		
	Location of Fire Hydrant	Gallons	Date	Signature
1.	0 0	·		
2:		8		
3.	840	. 1		W
4.		OJ.	3	, a
5.]a	100		•
<i>5</i> .	i i	0		
7.	9.	O a		
8.	*19	\Diamond	,W	S 9
0.		V		

TOTAL GALLONS:

FIRE DEPARTMENT WATER USAGE

Montl	h of: FBB		Year: 20 /	W s
	1/	Eddle	R GA	D A
Fire C	The of: PENCLER CAP Department Name: PENCLER CAP Chief Name: MORGAN WR, CAN Il gallons from bottom of page: Location of Fire Hydrant Gallons Date Signature			
Total	gallons from bottom	of page:	GLER GAP GANNR'GH Gallons Date Signature O B	
		' Gallons	Date	Signature
1.	S 28			
2:	* 8			
3.	4	." B =	5 · <u>· · · · · · · · · · · · · · · · · ·</u>	
4.	3.	0	> 5	. *
5.	W			Δ
6.	12: pr 14: 48:	0		·
7.	a 3			
8.		3		
ο.				

TOTAL GALLONS: ______

FIRE DEPARTMENT WATER USAGE

Mont	h of: 1 5 6	Ye	ear: 20/9	
Fire I	Department Name: H	WY 17	2	
Fire (Chief Name: MO	2 GAN 1	MR.Gh	7
	gallons from bottom of	\mathcal{A}		
	i	E 27		
	Location of Fire Hydrant	Gallons	Date	Signature
1.	.01			
2:	19 10. 19	<u> </u>		
3.	· ·	. ()	· 4	
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	TOTA	L GALLONS:	0	_

Please return this form before the 5th of each month.

APPENDIX C

QUESTION 41 - D

1 PAGE

FIRE DEPARTMENT WATER USAGE

onth of:		Y	ear: 20	
e Department Name:				
re Chief Name:				
otal gallons from botto				
Location of Fire Hydrant	x	Gallons	Date	Signature
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Please return this form before the 5th of each month.

APPENDIX C

QUESTION 44

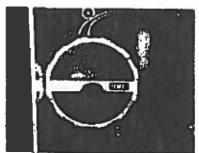
2 PAGES

#9400 ECLIPSE™ AUTOMATIC FLUSHING DEVICE

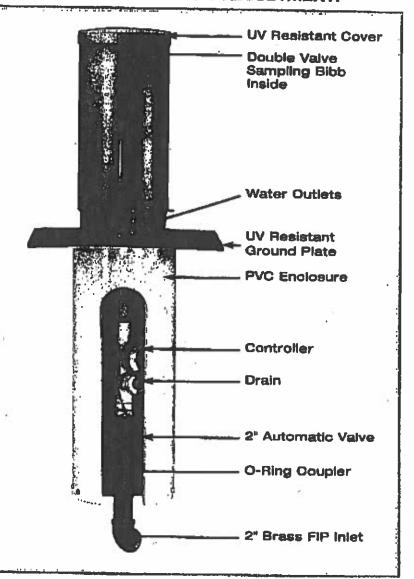
NON-FREEZING WITH ABOVE-GROUND FLOW ADJUSTMENT!



- Lockable
- UV Resistant



- Digital Controller
- No Hand Held Remote
 Needed!



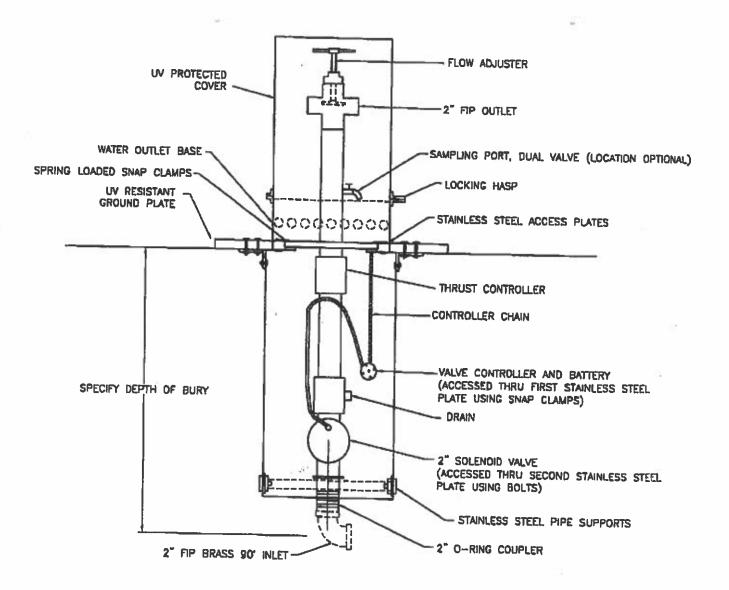
www.automaticflushing.com





Call for Drawings and Specs for AutoCad 1-800-231-3990 (toll free) or download from website '

#9400 - 2" AUTOMATIC FLUSHING DEVICE (ALL - CLIMATE)



APPENDIX C

QUESTION 45

26 PAGES

		_	11
Morgan County Water District	(name of Water System)	Month	12h0
		Year	2018
KY0880594	(PWSID)		

unit conversion factor 29.83 GPM = 29.83 $cd^2\sqrt{p}$ coefficient value 0.95 Estimated Nozzle Total Flow if size Reason Minutes Pitot (typically Gallons Pitot not Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) Pressure **GPM** Flowed used 3/11/2019 Patoker 45.00 3.0 16,231 2 361 3/15/2019 Patoker 20.00 3.0 2 361 7,214 3/18/2019 County Garage Road 40.00 2.5 3 307 12,271 3/22/2019 Hwy 191 (End) 50.00 2.5 2 250 12,524 3/23/2019 Hwy 191 (End) 180.00 2.5 177 31,881

			The second secon
Total Gallons	-	Manalla	00.404
TULAI GAIRORIS	HOL	monin	80,121

Morgan County Water District	(name of Water System)	Manath 12	
inorgan county trater District	(name of water System)	Month 2018	
KY0880594	(PWSID)		

unit conversion factor 29.83 Formula: $GPM = 29.83 \text{ cd}^2 \sqrt{p}$ coefficient value 0.95 Nozzle Estimated Total Flow if size Reason Minutes (typically Pitot Gallons Pitot not Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) **Pressure GPM Flowed** used 12/25/2018 Hwy 650 42.00 2.5 3 307 12.884 12/28/2018 Antier Lane 34.00 2.0 113 3,854 1/3/2019 Old Hwy 172 45.00 2.5 3 307 13,805 1/4/2019 Hwy 7 30.00 2.5 2 250 7,514 1/8/2019 Frank Blevins Road 60.00 4.0 1 453 27,205 1/8/2019 M. Whitt Road 15.00 4.0 2 641 9.618 1/8/2019 Paul Blevins Road 20.00 3.0 1 255 5,101 1/8/2019 Hwy 7 55.00 2.5 2 250 13,776 1/11/2019 Railroad Fork Road (End) 12.00 4.0 1 453 5,441 1/11/2019 Big Staff Branch 30.00 3.0 2 361 10,821 1/11/2019 Hwy 191/Hwy 1000 6.00 2.5 1 177 1,063 1/11/2019 Brushy Fork Road 10.00 4.0 1 453 4,534 1/16/2019 Patoker Road 20.00 3.0 1 255 5,101 1/16/2019 Stingy Fork 20.00 3.0 1 255 5,101 1/18/2019 War Creek Road (End) 15.00 6.0 3 1767 26,505

> Total Gallons for Month 152,324

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Morgan County Water Dist	rict (name of Water System)	Month	1/e(0	
17/2000		Year	2018	
KY0880594	I(PWStD)	_		

		-			unit conve	rsion factor	29.83	7
		Formula:	GPM = 2		coefi	icient value	0.95	1
i				Nozzle				Estimated
		D	Total	size				Flow if
Date	Mudenat Leasting and to Nove to a	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
	Hydrant Location and/or Number	Operated		2.5 or 4.5)		GPM	Flowed	used
12/12/2010	Barnett Ridge		45.00	4.0	2	641	28,855	
12/13/2018	Hwy 1002 - End of Line		12.00	2.0	1	113	1,360	
12/18/2018	Hwy 844		30.00	2.0	3	196	5,890	
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lotal	Gallons	TOL	Month	36,106

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Morgan County Water District	(name of Water System)	Month	10.0
I CONTROL OF THE PROPERTY OF T		Year	/ 2018
KY0880594	(PWSID)	_	

unit conversion factor 29.83 $GPM = 29.83 \text{ cd}^2 \sqrt{p}$ coefficient value 0.95 Nozzle Estimated Total size Flow if Reason Minutes Pitot Gallons (typically Pitot not Date Hydrant Location and/or Number Operated Operated | 2.5 or 4.5) **Pressure GPM Flowed** used 11/6/2018 Patoker 35.00 3.0 255 8,927 1 11/6/2018 Hwy 364 20.00 4.0 3 717 14,338 11/6/2018 Antler Lane 16.00 2.0 2 160 2,565 11/8/2018 Richard Sexton 28.00 2.0 1 113 3,174 11/13/2018 End of Jones Creek 12.00 2.5 3 307 3.681 11/13/2018 Conley Branch 30.00 2 3.0 361 10,821 11/14/2018 Patoker 15.00 3.0 1 255 3,826 11/14/2018 Barnett Ridge 31.00 3.0 2 361 11,181 11/14/2018 Peyton Ridge 16.00 3.0 1 255 4,081 11/14/2018 End of Zag Road 20.00 6.0 3 1767 35,340

Total Gall	one for	Month	97,934	
· our our	0110 101	Month	31,307	

			Alla	
Morgan County Water District	(name of Water System)	Month	ξ 4	
		Year	2018	•
KY0880594	(PWSID)			•

						rsion factor	29.83]
		Formula:	GPM = 2	.9.83 cd²√p	coeff	icient value	0.95	
				Nozzle				Estimated
ļ		Bassan	Total	size	5			Flow if
Date	Hydrant Location and/or Number	Reason Operated	Minutes	(typically	Pitot	0011	Gallons	Pitot not
7/30/2018	Patoker Patoker	Operated	Operated 55.00	2.5 or 4.5)		GPM	Flowed	used
8/3/2018	Hwy 191 - Cannel City School		25.00	3.0	2	361	19,838	
8/3/2018	Patoker		38.00	2.5 3.0	3	307	7,669	
8/6/2018	Hwy 1000		45.00	2.5	1	255	9,692	<u> </u>
8/8/2018	Hwy 1002 - Richard Sexton		15.00	2.0	3	307	13,805	
8/8/2018	End of Zag Road		30.00	6.0	3	113 1767	1,700	-
8/8/2018	Patoker		100.00	3.0	2	361	53,010	
8/10/2018	Kristen Lane		5.00	4.0	1	453	36,069	
8/10/2018	Hwy 772 (North)		18.00	6.0	2	1443	2,267	
8/15/2018	Coon Run Road		21.00	3.0	2	361	25,970	
8/20/2018	Hwy 1002 - Richard Sexton		40.00	2.0	1	113	7,574 4,534	
8/20/2018	Hwy 1260 (End)		90.00	2.5	1	177	15,940	
8/20/2018	Hwy 364 (End)		20.00	4.0	2	641		
	1111) 00 1 (2110)		20.00	4.0		041	12,825	
								
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Total Gallons for Month 210,894

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Morgan County Water District	(name of Water System)	Month	chique 0
KY0880594	(mwein)	Year	2018

		Formula:	CDM = 2	n aa12-1				
i I			OI 181 - 2	9.83 cd ² √p	coem	cient value	0.95	
				Nozzle				Estimated
		_	Total	size				Flow if
Data	Headman 1 Al	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)		GPM	Flowed	used
	War Creek Road	City of WL	20.00	6.0	3	1767	35,340	
7/10/2018	Stingy Fork Road	City of WL	56.00	3.0	2	361	20,199	
	Antler Lane	City of WL	90.00	2.0	1	113	10,202	
7/16/2018	Old Hwy 172	City of WL	55.00	2.5	2	250	13,776	
	Patoker	City of WL	120.00	3.0	1	255	30,606	
	Meeting House Road	City of WL	15.00	2.0	2	160	2,405	
7/21/2018	Old Hwy 172	City of WL	50.00	2.5	3	307	15,339	
7/21/2018	Old Hwy 172	City of WL	40.00	2.5	2	250	10,019	
	Patoker	City of WL	60.00	3.0	2	361	21,641	
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Total Gallons for Month 159,527

Morgan County Water District	(name of Water System)	Month	Tune 0
	3	Year	2018
KY0880594	(PWSID)		<u> </u>

Formula: GPM = 29.83 cm² tp						unit conve	rsion factor	29.83	
Date Hydrant Location and/or Number City of WL 19.00 6.0 3 1767 33,573			Formula:	GPM = 2	9.83 cd ² vp	coeff	icient value	0.95	1
Reason Operated Opera									
DateHydrant Location and/or NumberOperatedOperated2.5 or 4.5)PressureGPMFlowedused6/22/2018Hwy 772 NorthCity of WL19.006.03176733,573	ľ		f _ 0						
6/22/2018 Hwy 772 North City of WL 19.00 6.0 3 1767 33,573					(typically		1		
0.000.000.00		Hydrant Location and/or Number	Operated						used
	6/22/2018	Hwy 772 North	City of WL				1767	33,573	
	6/22/2018	Patoker Road	City of WL	36.00	3.0	2	361		
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Total Gallon	s for	Month	46,558

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Morgan County Water District	(name of Water System)	Month	1/6/0	
		Year	/ 2018	
KY0880594	I/BW/SID/		· · · · · · · · · · · · · · · · · · ·	-

						rsion factor	29.83]
		Formula:	GPM = 2	9.83 cd ² √p	coeff	icient value	0.95	1
				Nozzle				Estimated
		B	Total	size				Flow if
Data	Livelenat i anation and to a November	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date 5/4/2018	Hydrant Location and/or Number War Creek	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
5/11/2018		City of WL	40.00	2.0	3	196	7,853	
5/11/2018	Hwy 437 Tank	City of WL	30.00	2.5	2	250	7,514	
5/9/2018	Morris Cem	City of WL	35.00	3.0	1	255	8,927	
5/9/2018	Patrick Road	City of WL	40.00	2.0	2	160	6,412	
	Spaws Creek	City of WL	35.00	2.5	3	307	10,737	
5/14/2018	Docs Creek	City of WL	20.00	4.0	2	641	12,825	
5/14/2018	Fyffe Branch	City of WL	25.00	4.0	3	785	19,633	
5/14/2018	Lower Sandlick	City of WL	30.00	2.5	2	250	7,514	
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Total Callege	for Month	04 440
Total Gallons	IOF MORES	81,416
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Morgan County Water District	(name of Water System)	Month	An	79	
KY0880594	T/PWSID)	Year		2018	

		-				rsion factor	29.83]
		Formula:	<u>GPM = 2</u>	29.83 cd²√p	coeff	icient value	0.95]
				Nozzle				Estimated
	ł	Bassan	Total	size				Flow if
Date	Hydrant Location and/or Number	Reason Operated	Minutes	(typically	Pitot	OD!	Gallons	Pitot not
3/28/2018	Patoker Patoker		Operated			GPM	Flowed	used
3/28/2018	War Creek	City of WL	30.00	3.0	2	361	10,821	
4/5/2018	Patoker	City of WL	45.00 35.00	2.0	3	196	8,835	
4/4/2018	Patoker	City of WL		3.0	3	442	15,461	
4/10/2018	Yocum Rd	City of WL	45.00	3.0	3	442	19,879	
4/5/2018	War Creek	City of WL	60.00	4.0	3	785	47,120	
4/8/2018	Hwy 650	City of WL	25.00	6.0	3	1767	44,175	
4/8/2018	Patoker	City of WL	35.00	2.5	3	307	10,737	
4/12/2018	Conley Branch	City of WL	40.00	3.0	2	361	14,428	
4/13/2018	Patoker	City of WL	35.00	4.0	3	785	27,487	
4/ 13/2016	ratoker	City of WL	25.00	3.0	2	361	9,017	
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Total Gallons	for Month	207,961

Manus Committee State St			
Morgan County Water District	(name of Water System)	Month //a_0	
L/V0000004		Year 2018	
KY0880594	(PWSID)		

					_		rsion factor	29.83	ļ
Date Hydrant Location and/or Number Operated Op			Formula:	GPM = 2		coeff	icient value	0.95]
Date Hydrant Location and/or Number Operated Op									Estimated
Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) Pressure GPM Flowed used 3/1/2018 Hwy 589 City of WL 55.00 2.5 4 354 19,483 3/6/2018 Hwy 172 City of WL 65.00 2.5 3 307 19,940 3/6/2018 Betty Groc City of WL 40.00 2.5 3 307 12,271 3/6/2018 Nick Blanton City of WL 35.00 2.5 3 307 10,737 3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Paint Valley Church City of WL 50.00 <td></td> <td></td> <td>Barran</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			Barran						
3/1/2018 Hwy 589 City of WL 55.00 2.5 4 354 19,483 3/6/2018 Hwy 172 City of WL 65.00 2.5 3 307 19,940 3/6/2018 Betty Groc City of WL 40.00 2.5 3 307 12,271 3/6/2018 Nick Blanton City of WL 35.00 2.5 3 307 10,737 3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/8/2018 Patoker City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.5 3 307	Date	Hydrant Location and/or Number	5/2/ 5/3 5 5						1
3/6/2018 Hwy 172 City of WL 65.00 2.5 3 307 19,940 3/6/2018 Betty Groc City of WL 40.00 2.5 3 307 12,271 3/6/2018 Nick Blanton City of WL 35.00 2.5 3 307 10,737 3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00				77					used
3/6/2018 Betty Groc City of WL 40.00 2.5 3 307 12,271 3/6/2018 Nick Blanton City of WL 35.00 2.5 3 307 10,737 3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Stingy Fork City of WL 50.00 3.0 3 442 22,088 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
3/6/2018 Nick Blanton City of WL 35.00 2.5 3 307 10,737 3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
3/6/2018 Hwy 1715 City of WL 50.00 4.0 3 785 39,267 3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
3/6/2018 Little Caney City of WL 30.00 2.0 2 160 4,809 3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
3/8/2018 Patoker City of WL 30.00 3.0 3 442 13,253 3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
3/8/2018 Patoker City of WL 50.00 3.0 3 442 22,088 3/8/2018 Stingy Fork City of WL 60.00 4.0 3 785 47,120 3/8/2018 Paint Valley Church City of WL 50.00 2.0 4 227 11,335 3/1/2018 Hwy 437 City of WL 50.00 2.5 3 307 15,339 3/15/2018 Hwy 172 City of WL 60.00 2.5 2 250 15,029									
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STISIZUTO EIRI OT ZAG CITY OT W.L. 55.00 6.0 3 1767 97,186									
	3/ 13/20 18	End of Zag	City of WL	55.00	6.0	3	1767	97,186	
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Total Gallons for Month 327,856

Morgan County Water District	(name of Water System)	Month	teh 0	
		Year	2018	
KY0880594	(PWSID)			

		•			unit conve	sion factor	29.83	1
		Formula:	GPM = 2	.9.83 cd²√p		cient value	0.95	1
				Nozzle				Estimated
			Total	size		İ		Flow if
	.	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated		Pressure	GPM	Flowed	used
2/1/2018	Hwy 1161	City of WL	23.00	2.5	2	250	5,761	
2/1/2018	Hwy 1162	City of WL	105.00	4.0	3	785	82,461	
2/2/2018	Hwy 1161	City of WL	55.00	2.5	3	307	16,873	
2/2/2018	Hwy 1161	City of WL	40.00	2.5	3	307	12,271	
1/29/2018	Peyton Ridge	City of WL	35.00	4.0	3	785	27,487	
1/29/2018	Peyton Ridge	City of WL	50.00	4.0	2	641	32,061	
2/12/2018	Hwy 1162	City of WL	25.00	4.0	3	785	19,633	
2/14/2018	Zag Road	City of WL	30.00	6.0	3	1767	53,010	
2/20/2018	Hwy 172	City of WL	70.00	2.5	2	250	17,534	
2/20/2018	Hwy 1715	City of WL	90.00	4.0	3	785	70,681	
2/21/2018	Hwy 1715	City of WL	45.00	4.0	3	785	35,340	
2/21/2018	Little Caney	City of WL	50.00	3.0	3	442	22,088	
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Total Gallons for Month 395,199

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Morgan County Water District	(name of Water System)	Month	- land	
10000000		Year	2018	
KY0880594	I/PWSID)			

				_	unit conve	rsion factor	29.83]
		Formula:	GPM = 2	29.83 cd ² √p	coeff	icient value	0.95	1
		1		Nozzie				Estimated
			Total	size				Flow if
Date	Harden was a new time and the bloom to	Reason	Minutes	(typically	Pitot	1 1	Gallons	Pitot not
	Hydrant Location and/or Number	Operated	Operated			GPM	Flowed	used
12/27/2017	Hwy 191	City of WL	35.00	2.5	3	307	10,737	
12/27/2017	River Road	City of WL	40.00	4.0	3	785	31,414	
1/14/2018	Zag	City of WL	45.00	2.5	3	307	13,805	
1/14/2018	Hwy 437	City of WL	40.00	2.5	3	307	12,271	
1/14/2018	Lower Sand Lick	City of WL	15.00	2.5	2	250	3,757]
1/14/2018	Tank on Hwy 437	City of WL	30.00	2.5	3	307	9,203	
1/13/2018	Upper Sand Lick	City of WL	65.00	2.5	3	307	19,940	
1/13/2018	White Oak Branch	City of WL	40.00	4.0	3	785	31,414	
1/13/2018	Hwy 172	City of WL	35.00	2.5	3	307	10,737	
1/13/2018	Patoker	City of WL	38.00	3.0	2	361	13,706	
1/13/2018	Hog Branch	City of WL	120.00	1.0	5	63	7,604	
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Total Gallons for Month 164,588

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Morgan County Water District	(name of Water System)	Month	Helo	
	_	Year	2018	
KY0880594	(PWSID)			

29.83 unit conversion factor Formula: $GPM = 29.83 \text{ cd}^2 \sqrt{p}$ coefficient value 0.95 Nozzle Estimated 1 Total Flow if size Reason Minutes Pitot Gallons Pitot not (typically Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) Pressure **GPM** Flowed used 2/22/2019 Caskey Fork 45.00 453 20,404 4.0 1 2/22/2019 Bear Branch 36.00 2.0 2 139 4,998 2/25/2019 Bay's Bend 18.00 3.0 2 361 6,492 2/25/2019 Shady Lane 45.00 2.0 2 160 7,214 2/26/2019 Red Bird Road 50.00 2.0 2 160 8.015 2/26/2019 3 Woodsbend 2.5 20.00 307 6,135 2/27/2019 Keliacy Road (Hydrant) 55.00 6.0 3 1767 97,186 3/4/2019 12,271 Hwy 705 40.00 2.5 3 307 3/4/2019 Tree Nursery 2.0 2 26.00 160 4,168 3/4/2019 Hwy 705 (End) 6.0 2 35.00 1443 50.497 3/6/2019 Danny McKenzie Road 40.00 1.0 3 49 1,963 3/6/2019 Liberty Road 20.00 2.5 3 280 5,601

> Total Gallons for Month 224,944

Morgan County Water District	(name of Water System)	Month O
		Year 2018
KY0880594	(PWSID)	

unit conversion factor 29.83 Formula: $GPM = 29.83 \text{ cd}^2 \sqrt{p}$ coefficient value 0.95 Nozzle Estimated Total size Flow if Reason Minutes Pitot (typically Gallons Pitot not Date Hydrant Location and/or Number Operated Pressure Operated 2.5 or 4.5) **GPM** Flowed used 12/28/20112 Shady Lane 64.00 2.0 2 139 8.885 12/28/2018 Danny McKenzie Road 59.00 2.0 139 8,191 12/29/2018 Danny McKenzie Road 33.00 2.0 2 139 4,581 1/2/2019 Danny McKenzie Road 75.00 0.8 3 28 2.071 1/2/2019 Truston Vance 25.00 3 0.8 28 690 1/12/2019 Danny McKenzie Road 180.00 2.0 2 160 28.855 1/13/2019 Hwv 3345 180.00 2.5 3 307 55,219 1/13/2019 Danny McKenzie Road 2 180.00 0.8 23 4.058 1/14/2019 Centerville Road 25.00 4.0 2 641 16.031 1/14/2019 Bay's Bend Road 20.00 3.0 2 361 7,214 1/17/2019 Liberty Road 45.00 2.5 2 250 11,272 1/17/2019 Danny McKenzie Road 15.00 0.8 3 31 471 1/17/2019 Gose Branch 20.00 3.0 255 5,101 1/17/2019 Hwy 705 (East End) 21.00 6.0 3 1767 37,107 1/17/2019 Hwy 705(West End) 35.00 6.0 3 1767 61,845 1/17/2019 Tabernacle Road 15.00 6.0 1767 3 26,505 1/18/2019 Ase Kemplin Road 16.00 4.0 2 10,260 641 1/18/2019 Tree Nursery Road 10.00 2.0 113 1,134

Total Gallons 1	for Month	289,490

Morgan County Water District	(name of Water System)	Month	1,100	
		Year	2018	
KY0880594	(PWSID)			

		'				sion factor]
		Formula:	GPM = 2	9.83 cd²√p	coeff	cient value	0.95	<u> </u>
				Nozzle				Estimated
		_	Total	size				Flow if
	l	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
12/10/2018	Danny McKenzie Road		45.00	2.0	3	196	8,835	
12/21/2018	Danny McKenzie Road		50.00	2.0	1	113	5,668	
12/21/2018	Liberty Road		25.00	2.5	2	250	6,262	
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Total Gallons	A	B-00 - 4.0	00.00
LOTAL GALLONS	TOF	Month	20,765
I Vual Gallona	101	MOHILI	20.703

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Morgan County Water District	(name of Water System)	Month	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	<u> </u>	Year	2018
KY0880594	(PWSID)	•	

unit conversion factor 29.83 GPM = $29.83 \text{ cd}^2 \sqrt{p}$ Formula: coefficient value 0.95 Estimated Nozzie Total Flow if size Reason Minutes **Pitot** (typically Gallons Pitot not Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) Pressure **GPM** Flowed used 10/29/2018 West Maytown 9.017 36.00 2.5 2 250 10/29/2018 East Maytown 18.00 6.0 3 1767 31.806 10/30/2018 | Frog Hollow 20.00 2.5 3 307 6,135 11/1/2018 Liberty Street 30.00 2.0 2 160 4,809 11/2/2018 Frog Hollow 33.00 2.5 1 177 5.845 11/2/2018 Meeting House Road 22.00 3.0 2 361 7,935 11/5/2018 **End of Meeting House Road** 40.00 3.0 2 361 14,428 11/5/2018 Hwy 134 45.00 2.5 3 307 13,805 11/12/2018 Wheelrim 2 25.00 2.5 250 6,262 11/12/2018 Gevedon Road 24.00 3.0 1 255 6,121

Total	Gallons	for	Month	106,164	

			UCT
Morgan County Water District	(name of Water System)	Month	0
		Year	2018
KY0880594	(PWSID)		

unit conversion factor 29.83 Formula: GPM = 29.83 cd²√p coefficient value 0.95 Nozzle Estimated Total Flow if size **Pitot** Reason Minutes (typically Gallons Pitot not Pressure Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) **GPM** Flowed used 9/26/2018 Frog Hollow 26.00 2.5 2 250 6,512 9/27/2018 East Maytown 21.00 3 1767 37,107 6.0 10/3/2018 West Maytown 20.00 2.5 3 307 6,135 10/9/2018 Meeting House Branch 29.00 3.0 2 361 10,460 10/11/2018 Hwy 134 Tank 2 10.00 2.5 250 2,505 10/11/2018 Wheel Rim 35.00 2.5 2 250 8,767 10/9/2018 Murphy Fork Road 25.00 2.5 3 307 7,669 10/17/2018 Hwy 460 West 13.00 2.5 3 307 3,988 Liberty Road 10/19/2018 13.00 2.5 2 250 3,256

Total (Gallons	fог	Month	86,400

17.1

			Sept
Morgan County Water District	(name of Water System)	Month	0 '
		Year	2018
KY0880594	(PWSID)	_	

	•				unit conver	sion factor	29.83]
		Formula:	GPM = 2	9.83 cd ² √p	coeffi	cient value	0.95	1
				Nozzie				Estimated
		_	Total	size				Flow if
		Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
8/28/2018	Hwy 705		20.00	2.5	3	307	6,135	
8/30/2018	Frog Hollow		15.00	2.5	2	250	3,757	
9/10/2018	Gevedon Branch		20.00	3.0	2	361	7,214	
9/10/2018	Meeting House Branch		50.00	4.0	3	785	39,267	
9/12/2018	Old Index Road		33.00	2.5	2	250	8,266	J
9/13/2018	Meeting House Branch		19.00	4.0	2	641	12,183	
9/17/2018	Hwy 134		30.00	2.5	3	307	9,203	
9/20/2018	Hwy 705 - Woodbend		15.00	6.0	3	1767	26,505	
9/21/2018	Centerville Road		26.00	4.0	2	641	16,672	
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Total Gallons for Month 129,203

Monthly Hydrant Flushing Report			Aug
Morgan County Water District	(name of Water System)	Month [
KY0880594	(PWSID)	Year [2018

unit conversion factor 29.83 $GPM = 29.83 \text{ cd}^2 \sqrt{p}$ Formula: coefficient value 0.95 **Estimated** Nozzle Total Flow if size Reason Minutes Pitot (typically Gallons Pitot not Date Hydrant Location and/or Number Operated Operated 2.5 or 4.5) Pressure **GPM** Flowed used 7/27/2018 Meeting House Road 29.00 3.0 3 442 12,811 7/30/2018 Wheel Rim Road 40.00 2.5 3 307 12,271 8/9/2018 Hwy 134 70.00 2.5 3 307 21,474 8/13/2018 Hwy 134 80.00 2.5 2 250 20,038 8/14/2018 Wheel Rim Road 70.00 2.5 2 250 17,534 8/15/2018 Meeting House Road 45.00 3.0 2 16,231 361 8/17/2018 Frog Hollow Road 25.00 4.0 2 641 16,031

Total	Gallons	for	Month	116,390	

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Morgan County Water District	(name of Water System)	Month 🖰	/ 0
		Year	2018
KYNRRNSQA	I/DWGID)		

						rsion factor	29.83]
		Formula:	GPM = 2	9.83 cd ² √p	coeff	icient value	0.95	1
				Nozzle				Estimated
ì			Total	size]		Flow if
Data		Reason	Minutes	(typically	Pitot	ì l	Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)		GPM	Flowed	used
6/28/2018	Bank of the Mountains	Cave Run	25.00	2.5	2	250	6,262	
6/29/2018	Hwy 460W	Cave Run	45.00	2.5	3	307	13,805	
6/29/2018	Bank of the Mountains	Cave Run	10.00	2.5	2	250	2,505	
6/29/2018	Upper Long Branch	Cave Run	10.00	2.5	2	250	2,505	
6/29/2018	Hwy 772	Cave Run	55.00	2.5	3	307	16,873	
7/11/2018	Centerville Road	Cave Run	35.00	4.0	2	641	22,443	
7/11/2018	Homer Gevedon Road	Cave Run	55.00	2.0	2	160	8,817	
6/27/2018	Bear Branch Road	Cave Run	65.00	2.0	2	160	10,420	
		Cave Run						
								
								
								
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Total Gallons	for Month	83,629	

Morgan County Water District	(name of Water System)	Month	-kenc. 0
		Year	2018
KY0880594	(PWSID)	•	

						rsion factor	29.83]
		Formula:	GPM = 2	9.83 cd²√p	coeffi	icient value	0.95	}
		ĺ		Nozzle				Estimated
			Total	size		1		Flow if
	i i	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
6/5/2018	Liberty Street	Cave Run	21.00	2.0	3	196	4,123	
6/7/2018	Hwy 705	Cave Run	40.00	2.5	2	250	10,019	
6/11/2018	Hwy 134	Cave Run	15.00	2.5	3	307	4,602	
6/14/2018	Centerville Road	Cave Run	50.00	4.0	2	641	32,061	
6/19/2018	Hwy 2498	Cave Run	50.00	6.0	2	1443	72,138	
6/20/2018	Danny McKenzie Road	Cave Run	55.00	2.5	2	250	13,776	
6/20/2018	Liberty Road	Cave Run	40.00	2.5	3	307	12,271	
6/20/2018	Bay's Bend Road	Cave Run	28.00	6.0	2	1443	40,397	1
6/22/2018	Hwy 772 West	Cave Run	19.00	6.0	3	1767	33,573	1
	11117.7.2.7.000.	Odio itali	10.00			1707	00,070	
								
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Total Gallons	for	Month	222,961

Morgan County Water District		(name of Water	System)		Month	May 0		
		-				Year	2018	
KY0880594		(PWSID)					/	_
					unit conve	rsion factor	29.83]
		Formula:	GPM = 2	.9.83 cd²√p	coeff	cient value	0.95	
				Nozzie				Estimated
			Total	size	-			Flow if
Data		Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
5/4/2018	Murphy Fork	Cave Run	60.00	2.5	3	307	18,406	
5/4/2018	Bear Branch	Cave Run	30.00	2.0	2	160	4,809	
5/17/2018	Hwy 460 W	Cave Run	90.00	2.5	3	307	27,610	
5/22/2018	Hwy 460 W	Cave Run	60.00	2.5	3	307	18,406	
5/4/2018	Frog Hollow	Cave Run	50.00	4.0	3	785	39,267	
5/4/2018	Perkins Church	Cave Run	45.00	2.5	2	250	11,272	
5/4/2018	Ezel Bank	Cave Run	60.00	2.5	2	250	15,029	
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Total	Callana	£	Bitanth	424 700
TOTAL	Gallons	IOL	MOHUI	134,799

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Morgan County Water District	(name of Water System)	Month 🕝	HOY 7 6
		Year	2018
KYNXXN5QA	(DIA/SID)		

						rsion factor	29.83]
, 		Formula:	GPM = 2	9.83 cd²√p	coeff	icient value	0.95	
ļ			7.4.1	Nozzle				Estimated
		Bassan	Total	size	514-4			Flow if
Date	Hydrant Location and/or Number	Reason	Minutes	(typically	Pitot	CDM	Gallons	Pitot not
4/13/2018	Danny McKenzie Rd	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
4/5/2018		Cave Run	45.00	2.5	3	307	13,805	
4/7/2018	Meeting House Rexville Road	Cave Run	50.00	3.0	3	442	22,088	
4/7/2018		Cave Run	40.00	2.0	4	212	8,483	
4/12/2018	Red Birt Lane	Cave Run	50.00	2.0	3	196	9,817	
4/13/2018	Gram Lane	Cave Run	35.00	2.0	3	196	6,872	ļ
4/13/2018	West Maytown	Cave Run	55.00	6.0	3	1767	97,186	
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Total	Gallons	for	Month	158,24	9

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Morgan County Water District	(name of Water System)	Month	Maro
	_	Year	2018
KY0880594	(PWSID)		

					unit conve	sion factor	29.83]
		Formula:	GPM = 2	.9.83 cd²√p	coeffi	icient value	0.95	7
				Nozzle				Estimated
			Total	size				Flow if
	l.,	Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated		2.5 or 4.5)		GPM	Flowed	used
2/22/2019	Caskey Fork		45.00	4.0	1	453	20,404	
2/22/2019	Bear Branch		36.00	2.0	2	139	4,998	
2/25/2019	Bay's Bend		18.00	3.0	2	361	6,492	
2/25/2019	Shady Lane		45.00	2.0	2	160	7,214	
2/26/2019	Red Bird Road		50.00	2.0	2	160	8,015	
2/26/2019	Woodsbend		20.00	2.5	3	307	6,135	
2/27/2019	Kellacy Road (Hydrant)		55.00	6.0	3	1767	97,186	
3/4/2019	Hwy 705		40.00	2.5	3	307	12,271	
3/4/2019	Tree Nursery		26.00	2.0	2	160	4,168	
3/4/2019	Hwy 705 (End)		35.00	6.0	2	1443	50,497	
3/6/2019	Danny McKenzie Road		40.00	1.0	3	49	1,963	
3/6/2019	Liberty Road		20.00	2.5	3	280	5,601	
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Total Gallons	for	Month	224,944

Morgan County Water District	(name of Water System)	Month	teho	
	-	Year	2018	
KY0880594	(PWSID)			

		•			unit conve	rsion factor	29.83]
		Formula:	GPM = 2		coeffi	icient value	0.95	
				Nozzle				Estimated
			Total	size				Flow if
D -4-		Reason	Minutes	(typically	Pitot		Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
2/1/2018	Danny McKenzie Road	Cave Run	55.00	2.5	3	307	16,873	ļ
1/26/2018	Danny McKenzie Road	Cave Run	60.00	4.0	3	785	47,120	
1/26/2018	Nickell Branch	Cave Run	40.00	2,5	3	307	12,271	l
1/29/2018	Hwy 460 W	Cave Run	25.00	2.5	4	331	8,284	
1/29/2018	Frank Oldfield	Cave Run	30.00	2.5	3	307	9,203	
1/29/2018	Hwy 705	Cave Run	20.00	2.5	3	307	6,135	
1/29/2018	Bays Bend	Cave Run	45.00	4.0	3	785	35,340	
1/29/2018	Liberty Road	Cave Run	25.00	2.5	2	250	6,262	
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Total Gallons for Month 141,489

Morgan County Water District	(name of Water System)	Month	Chin 0
	_	Year	2018
KY0880594	(PWSID)		

	•				unit convei	sion factor	29.83	ļ
		Formula:	GPM = 2	9.83 cd ² √p	coeffi	cient value	0.95	Ì
				Nozzle				Estimated
			Total	size	511-1		0-11	Flow if
		Reason	Minutes	(typically	Pitot	CDM	Gallons	Pitot not
Date	Hydrant Location and/or Number	Operated	Operated	2.5 or 4.5)	Pressure	GPM	Flowed	used
1/10/2018	Hwy 460 W	Cave Run	64.00	2.5	3	307	19,633	
1/10/2018	Hwy 205	Cave Run	45.00	2.5	3	307	13,805	\vdash
1/10/2018	Hwy 205	Cave Run	49.00	2.5	3	307	15,032	
1/10/2018	Mike Elam	Cave Run	80.00	4.0	3	785	62,827	
1/10/2018	Hwy 705	Cave Run	55.00	2.5	2	250	13,776	1
1/10/2018	Bays Bend	Cave Run	40.00	6.0	3	1767	70,681	\vdash
1/10/2018	Liberty Road	Cave Run	33.00	2.5	3	307	10,124	
1/22/2018	Caskey Fork	Cave Run	38.00	4.0	2	641	24,367	
1/23/2018	Bear Branch	Cave Run	40.00	2.0	3	196	7,853	\vdash
1/23/2018	Hwy 460 W	Cave Run	15.00	2.5	3	307	4,602	
1/23/2018	Bays Bend	Cave Run	35.00	6.0	3	1767	61,845	ļ
1/23/2018	Danny McKenzie Road	Cave Run	66.00	2.0	3	196	12,958	ļ
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Total	Gallons	for	Month	317,503
1 Ottal	Addions	101	tai Autoriti	1 011,000