ORIGINAL > Case Ms. 2006-00008

JAN 0 3 2008

Application for Water Storage Deviation - Madison County

Utilities District



PUBLIC SERVICE COMMISSION

RECEIVED

JAN 0 3 2008

PUBLIC SERVICE COMMISSION

Cose No. 2006-0000 8

<u>APPLICATION</u>

This application has been prepared by the Commission to assist those utilities seeking approval to maintain less water storage than the average daily usage prescribed by 807 KAR 5:066, Section 5 (4) or additional time to bring their water storage into compliance.

	Madison County Uti	lities D	District
	Name of Utili	ty	
155 No	rth Keeneland Drive	ingagapan kananan kanala	P.O. Box 670
Richmond		KY	40476-0670
City		State	Zip Code
Telephone Number	(859) / 624-1735 Area Code Number		

I. BASIC INFORMATION

Name, Title, Address and telephone number of the person to whom correspondence or communications concerning this application should be directed:

Name: <u>Faris Maupin</u>

Address: 155 North Keeneland Drive P.O. Box 670

Richmond, Kentucky 40476-0670

Telephone Number (859) / 624-1735

II. FILING REQUIREMENTS

An original and seven copies of the completed application should be sent to:

Kentucky Public Service Commission Executive Director's Office 211 Sower Boulevard P. O. Box 615 Frankfort, KY 40602

Telephone: 502 / 564-3940

All correspondence and responses to supplemental information requests should also be sent to this address.

Copies of this form may be obtained from the Commission's Office of executive Director: or by calling 502 / 564-7167.

I have read and completed this Application and to the best of my knowledge all the information contained in this Application is true and correct.

Signed

Officer of the Company

Title

Manager

Date

December 28, 2005

Please answer all questions completely. Attach additional sheets, if necessary.

Provide the current average daily usage on the system.
 This should include all water sold, utility water usage and unaccounted – for – water.

See Attachment "A".

2. Provide the number, type, and capacity of any water storage tanks on the system.

See Attachment "B".

3. Provide a list of all large volume customers served by the system And the usage of each, Also state whether these customers have storage facilities and their capacity. Do not list customers who are purchasing less than five (5) percent of the average daily usage, Also state which, if any, of these customers can be interrupted during emergencies.

See Attachment "C".

4. Provide a list of critical health care facilities served by the system.

Also state whether these customers have storage facilities and the capacity.

Not Applicable.

5. State whether the system produces or purchases its water.

If part or all of the system's water is purchased, provide the supplier's name and the gallonage purchased.

Madison County Utilities District purchases its water from the city of Richmond, Kentucky. The supplier's name is <u>Richmond Water</u>, Gas and Sewerage Works (RWGSW); their PWS number is <u>0760370</u>.

MCUD purchases 100% of its water from RWGSW. Madison County Utilities District purchased 725,516,616.00 gallons in 2005; see Attachment "A".

6. If a supplier of the system has storage capacity or reserves storage capacity for the benefit of the system, state the capacity, the proximity to the master meter, and provide a copy of the purchase agreement. The purchase agreement should specifically mention the terms of interruptability.

Not applicable.

7. Provide a technical summary of operational deficiencies of the system that are known from experience or that are indicated by hydraulic analysis. This should include a list of outages that occurred in past years. The cause and duration of any outages, customer complaints, areas of low pressure, and the availability of standby equipment, repair equipment, and contractors.

MCUD's total storage capacity is 1,600,000 gallons, while 2005's average daily consumption equaled 1,987,716.76 gallons. A new 500,000 gallon elevated tank, a new pump station and several miles of line extensions are scheduled for construction in 2006.

See Attachment "D" for information relevant to outages.

MCUD does not own any equipment at the present; therefore we employ two contractors to perform meter installations and repairs. If either or both contractors should be unavailable MCUD utilizes other local contractors as circumstances require.

Three local heavy equipment suppliers (rental services) are located in Richmond, Kentucky and personnel from those businesses will provide equipment on short notice. MCUD also has an employee who is an excellent operator who often assists the District when needed.

8. Provide information on the growth potential for the system. This should include the number of new customers added per year, and the possibility of extensive development (e.g., new subdivisions, businesses, etc.).

See Attachment "E". Information has been collected from past six (6) years of MCUD's Quarterly Reports. The growth experienced within Madison County has been exceptional. Forty-three new developments were approved for construction during 2005. Those forty-three sub-divisions entailed 1,690 new lots or 1,276 acres of land.

9. Describe any planning to date, to bring the system into compliance with Commission regulations. This should include efforts to secure financing for the construction of additional storage facilities as well as the estimated compliance date. If no planning has taken place, explain why not.

Madison County Utilities District has filed an application for a project and is on the priority list for a Drinking water State Revolving Fund loan (DWSRF #166). Included in the project is a 500,000 gallon elevated water storage tank. MCUD's Board of Commissioners bypassed accepting the loan in 2005, until a then current construction project was completed. A project profile was also submitted to the Kentucky Infrastructure Authority (KIA) for a possible grant that could be utilized in the proposed project. Funding this project will necessitate a rate increase.

Water Purchased

MADISON CO. UTILITY 155 N KEENELAND DRIVE PO BOX 670 RICHMOND KY 40476_0670



YEAR	PURCHASE	USAGE	VOLUME PURCHASED	
	PERIOD	PERIOD	cubic feet	gallons
2005	January 2005	11/01/04 to 12/01/04	7,483,300	55,975,084.00
	February 2005	12/01/04 to 1/03/05	7,977,600	59,672,448.00
	March 2005	1/03/05 to 2/01/05	7,370,800	55,133,584.00
	April 2005	2/01/05 to 3/01/05	7,041,100	52,667,428.00
Fig. 10.	May 2005	3/01/05 to 4/01/05	7,581,300	56,708,124.00
~~~	June 2005	4/01/05 to 5/02/05	7,820,300	58,495,844.00
	July 2005	5/02/05 to 6/01/05	8,211,600	61,422,768.00
· · · · · · · · · · · · · · · · · · ·	August 2005	6/01/05 to 7/01/05	9,425,700	70,504,236.00
	September 2005	7/01/05 to 8/01/05	8,967,400	67,076,152.00
	October 2005	8/01/05 to 9/01/05	8,906,200	66,618,376.00
	November 2005	9/01/05 to 10/03/05	8,830,600	66,052,888.00
	December 2005	10/03/05 to 11/01/05	7,378,300	55,189,684.00
			96,994,200	725,516,616.00
		YEARLY TOTALS 2005 Daily Average	cubic feet 265,737.53 cubic feet	gallons 1,987,716.76 gallons

# Madison County Utilities District 155 North Keeneland Drive P.O. Box 670 Richmond, Kentucky 40476-0670 (859) 624-1735 Fax (859) 623-8220

Attachment

November 12, 2003

Listed below are MCUD's tower sites, capacities, ground elevations, and over-flow elevations for each elevated tank. Longitude and latitude co-ordinates are also needed for each location.

	SYSTEM	LOCATION	CAPACITY	GROUND	OVER-FLOW	LATIT.	LONG.
X	White Hall	Goggins Ln.	50,000 gai.	899.00'	1042.00'	37 46' 21"	-84 ² 19' 55" 33
	Waco	College Hill	200,000 gal.	880.50'	1075.00'	37 ⁰ 46' 54"	84° 08' 06"
	White Hall	Well's Trace	500,000 gal.	952.40'	1130.40'	37° 52′ 06″	84 20'07"
	White Hall	Colonel Rd.	300,000 gal.	960,00'	1135.00'	37 ⁰ 50' 14"	84 19'15"
*	White Hall	US 25 - North	50,000 gal.	992.00'	1135.00'	37 [°] 50' 18"	84° 19' 31" Z
	Kingston	Cedar Pt.	500,000 gal.	1018.76'	1146.00'	37 ⁰ 38' 12"	84° 13' 05"
	Kingston	Continental Drive	100,000 gal.	1027.35'	1170.10'   Storag	37° 41′ 17″	84° 15' 35"

Each of MCUD's pump stations are found below. Locations and pumping capacities (gpm) are listed. Longitude and latitude co-ordinates are needed for each location.

SYSTEM	LOCATION	PUMP <u>CAPACITY</u>	LATITUDE	LONGITUDE
KTW	US 25 - South	400 gpm	37° 43′ 03″	84 [°] 16′ 09"
ww	College Hill	300 gpm	37° 46' 23"	84 ⁰ 08' 11"
WHW	US 25 - North (old)	250 gpm	37 ⁰ 49' 26"	84 ⁰ 19' 29"
WHW	US 25 - North (new)	500 gpm	37° 49' 27"	84 [°] 19′ 30″
WHW	Tates Creek	450 gpm	37 [°] 45′ 59"	84° 19' 55"
WHW	Colonel Rd	350 gpm	37° 48' 03"	84 [°] 19' 23"

Note!!

Two 50,000 gallon elevated water towers were demolished in July 2005, due to deteriating condition of exterior (base paint) coating and small see storage capacity. These two tanks were replaced by a single 500,000 gallon elevated tank.

MCTOWPHIP TOWERS TO BELLINE

## 2005 Large Volume Users

# MADISON CO. UTILITY 155 N KEENELAND DRIVE PO BOX 670 RICHMOND KY 40476_0670

Account Number	Customer Name	Address	Average Usage (cubic feet)	Average Usage (gallons)	Storage Facilities	Storage Capacity (gallons)	Comments
00-0580	Kroger Co. # 705	890 Richmond Plaza	12,988	97,150.24	No	NA	
01-0560	Concrete Materials Co.	106 Industry Road	44,518	332,994.64	No	NA	Cannot interrupt
01-0591-01	Bluegrass Plating	100 Industry Road	45,638	341,372.24	No	NA.	Cannot interrupt
02-0080	Okonite Cable (2" mtr)	1740 Berea Road	87,763	656,467.24	Yes	200,000 Tot.	2 tanks @
02-0090	Okonite Cable (8" mtr)	1740 Berea Road	103,431	773,663.88	Yes	see above	100,000 gal. ea. Fire Protection Only Cannot interrupt
07-0025	Kingston Elementary	Kingston - Big Hill Rd.	46,417	347,199.16	No	NA	Cannot interrupt
32-4330	Eastern Ky Univ. Farms	Whitt Road	31,100	232,628.00	No	NA	Cannot interrupt
33-0002	Hill Crest Nurseries	998 Red House Road	31,689	237,033.72	No	NA.	
33-1230	Central State Managers	733-735 Third Street Ln.	53,336	398,953.28	No	NA	
38-3875	Waco Elementary	Waco Loop Road	13,935	104,233.80	No	NA	Cannot interrupt
73-1773	Interstate Equipment	3277 Lexington Road	12,396	92,722.08	No	NA	
76-3384	Howard Engineering & Construction	Madison Village Sewer Plant	24,627	184,209.96	No	NA	Cannot interrupt
79-1000-01	Love's Travel Stop # 291	3799 Colonel Road	18,484	138,260.32	No	NA	
83-1925	Clay's Ferry Travel Plaza	120 Carr Lane	13,977	104,547.96	No	NA.	

# MADISUN CO. UTILI.. 155 N KEENELAND DRIVE PQ BOX 670

2005 Service Interruptions - MCUD

2005 5	ervice interruptions	- MCUD				0.00			1
		# Customers	Description of Area Affected	Time	Time Service	Time Down	MUNULKY 4	476 - Orteason for	Comments
Date	Location	Affected	(from / to)	Valved Down	į į	(hr. & min.)	Confirmation #	Disruption	
1/5/2005	HartlandSubdivision	82	Michelle Drv, Bruce Ct,	13:25	16:25	3 Hrs	None	Project Tie-In	Contractor responsible for BUD
			Michelle Ct, Noah Ln				by MCUD	(Grant Excavation)	call, etc./ MCUD called E.O.C.
1/10/2005	Brandy Lane	112		12:40	14:50		None	Project Tie-In	Contractor responsible for BUD
	Industrial Drive	5		12:40	14:15		by MCUD	(Grant Excavation)	call, etc./ MCUD called E.O.C.
1/25/2005	Flint Rd, Stamper Ln,	117 + 15		9:45	12:50	3 Hrs 5 Min	None	Project Tie-In	Contractor responsible for BUD
	Walter Ln, Griggs Ln,	26 + 21					by MCUD	(Staton Construction)	call, etc./ MCUD called E.O.C.
	Falling Branch	17							
2/8/2005	Tates Crk Rd from	30		13:35	13:55	20 Min	None	Repair Leak in Vault	
	Little Ferry Grocery		The second section of the second section is a second section of the second section of the second section is a second section of the section of t						
	to Antioch Christian Ch								
2/22/2005	Waco Elementary	270	400 Waco Loop to County Line	12:15	14:20	2 Hrs 5 Min	None	Main Line Break	MCUD called E. O. C.
			All of Bybee Loop All of Ben						
			Reeves Rd, Parts of Drowning						
			Crk, Pine Grove & Elliston Rd						
3/16/2005	Highway 52	200	Moberly Area	8:45	12:05	3 Hrs 20 Min	E.O.C.	Break at Gate Valve	Contractor responsible for BUD
			Charlie Norris Rd				Columbia Gas	( Allen Company)	call, etc./ MCUD called E.O.C.
			Irvine Rd (Hiway 52)						Construction on Highway 52
			Kennedy Ln						
3/18/2005	Highway 52	40	Robinsville Loop from Green's	10:30	13:20	2 Hrs 50 Min	None	Project Tie-In	Contractor responsible for BUD
			Circle to Vet Clinic, Bradley Drv				by MCUD	( Allen Company)	call, etc./ MCUD called E.O.C.
			& Cantebury Drv + Hwy 52 to						Construction on Highway 52
			Overbey Trucking to						
			237 Green's Crossing						
3/24/2005	Doylesville	75	Leak in Creek	11:15	14:45	3 Hrs 30 Min	None	Leak in Creek	MCUD called E. O. C.
3/31/2005	Lexington Rd	55	Fire Hydrant & Valve Blew Off	20:00	8:45	12 Hr 45 Min	None	Project Tie-In	Contractor responsible for BUD
							by MCUD	(Grant Excavation)	call, etc./ MCUD called E.O.C.
· · · · · · · · · · · · · · · · · · ·									JY called Jason Cheek @ DOW
									6 Hrs into Problem; Advised to
									List "Boil Water Advisory"

## MADISON CO. UTILITY 155 N KEENELAND DRIVE PO BOX 670

## 2005 Service Interruptions - MCUD

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		# Customers	Description of Area Affected	Time	Time Service	Time Down	1	476 - O Tealson for	Comments
Date	Location	Affected	(from / to)	Valved Down	Restored	(hr. & min.)	Confirmation #	Disruption	
4/6/2005	Catalpa Loop Rd	5		9:15	11:05	1 hr 50 Min	None	Project Tie-In	Contractor responsible for BUD
						-	by MCUD	( Allen Company)	call, etc./ MCUD called E.O.C.
									Construction on Highway 52
4/18/2005	Dixie Plaza	230	All of Trailer Park	12:10	15:10	3 Hrs	None	Repair Leak	MCUD called E. O. C.
4/19/2005	Brassfield Road	25	2619 to 3084 Brassfield Rd	11:40	12:25	45 Min	None	Customer Dug Into Line	MCUD called E. O. C.
			All of Pine Grove Rd &				by MCUD		
			Hume Branch						
4/19/2005	Boone's Trace Sub, Div,	225	Top of Hill Above Boone's Trace	13:50	15:40	1 Hr 50 Min	None	New Development Tie-In	Contractor responsible for BUD
							by MCUD		call, etc./ MCUD called E.O.C.
5/18/2005	Lower Hines Creek	30 - 40	Lower Hines Crk Service Area	15:45	17:40	1 Hr 55 Min	None	Customer Dug Into Line	MCUD called E. O. C.
							by MCUD		
5/19/2005	Mountain View Sub. Div.	75		10:35	11:55	20 Min	None	Someone Hit Line & Left Site	MCUD called E. O. C.
							by MCUD		
5/19/2005	Boone's Trace Sub. Div.	200		12:40	14:37	1 Hr 55 Min	None	New Development Tie-In	Contractor responsible for BUD
							by MCUD		call, etc./ MCUD called E.O.C.
6/14/2005		90	1940 to 2300 Brassfield Rd	12:00	15:30	3 Hr 30 Min		Repair Leak	MCUD called E. O. C.
		27	All of Dodd Rd						MCUD called BUD
		27	All of Goodloe Chapel Rd						
		4	Part of Panola Rd						
		5	Part of Meadowbrook Rd						
6/16/2005		300	Cross Creek, Hickory Hills,	14:30	15:50	1 Hr 20 Min		Replace Valve	MCUD called E. O. C.
			Rose Hills, Jack's Trace &						MCUD called BUD
			Park Place						
6/20/2005	College Hill Road	15 - 20	2666 College Hill Rd to River	10:30	12:00	1 hr 30 Min	None	Project Tie-In	Contractor responsible for BUD
							by MCUD	Road Bore Involved	call, etc/MCUD called E.O.C.
							-		

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PO BOX 670 155 N KEENELAND ORIVE MADIOUN CO. OILLE

Stop Off Main

PY MCUD

	";"##### ~~10	GIOM	l	1 1			2 0,		
MCUD called E. O. C.	Gas Company Tore Corp	9noM	1 Ht 30 Min	15:50	11:20	Willer Drive, Pleasure Drv	110+37	201 Miller Drive	9/14/2005
MCUD called BUD									
MCUD called E. O. C.	Repair Leak		niM 24	13:20	15:42		99	Simpson Lane	9007/9/6
							<u>-</u> .		
call, etc./ MCUD called E.O.C.	nl-eiT Inempoleve@weM	py McUD					61	Comb's Ferry Rd	
Contractor responsible for BUD	Drop Valve for	anoM	40 Min	04:01	00:01		l l l	Bear Run Rd &	9/2/2005
MCUD called Richmond Utilities									
MCND called BUD									
MCUD called E. O. C.	FH & GV Blew Off Line	5002-360-2449	SHZ	11:30	9:30	1201 to 216 Miller Drive	100	SO1 Miller Drive	9/1/2005
MCND called BUD						All of Kingston Acres	50		
MCUD called E. O. C.	Main Line Break		ii	ii	ii	183 to 700 Dreyfus Rd	130	Dreyfus Road	8/29/2005
ACID Colled E O C	Veorg eni I nieM		CC	CC	ec	hd orthord 007 at 501	430	pool organized	300000
MCUD called E. O. C.	Contractor Hit Line		nim 23	55:91	00:31		10-12	Beat Run Rd	8/52/5002
MCUD called BUD						All of Peacock Rd		Campbell Branch Rd	
MCUD called E. O. C.	Main Line Break		niM of 1H E	01:11	00:8	All of Campbell Branch	L	Реасоск Ра в	8/10/2005
O O JPHIP GION	,,,,,,,,,,,,,,,,-		-:31 01 -41 0	07.77	00-0	401-01-114		070110	2000/07/0
MCUD called BUD		<del>                                     </del>							
MCUD called E. O. C.	Repair Leak		1 Hr 20 Min	30:91	14:25		50	Lexington Rd	8/2/2005
MCND called BUD									
MCUD called E. O. C.	Repair Leak		niM 04	12:10	11:25		20	White Hall Manor	8/2/2005
		anow (a						***************************************	
10.10.17.77.77.77.77.77		by McUD			2011			non i nuoci	0007(17/)
MCUD called E. O. C.	Customer Hit Line	anoM	niM of 1H f	12:10	00:11		36 - 35	bend Road	7/27/2005
	eraggid aloH tzo9 rttiw	PÀ WCND							
MCUD called E. O. C.	Customer Hit Line	enoM	1 Hr 40 Min	14:30	12:50		50	Crooksville Rd	7122/2005
MCUD called BUD				ļ					
MCUD called E. O. C.	Кераіг Leak		PO Min	10:50	00:01		01	Inine Road (Highway 52)	7/13/2005
	notiquiziQ	Confirmation #	(nim & .nh)	Restored	rwod bevisV	(of \ mori)	betoethA	Location	Date
Comments	Reason for	ana	riwo Down	Solvied Service	əmiT	Description of Area Affected	# Customers		
they"D 3	0290-92	10 M D K L T O T X 8 Y O					WCND	ervice Interruptions -	S002 S

Chas Claybourne (low press on pairt of Red House)

Benjamin Drv, Sam Christopher

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Had. D.

2005 Service Interruptions - MCUD

MCUD called Bell South						All of East Pt Sub Div & Whitt Rd			
MCUD called Columbia Gas						Not Including Dreamland Sub Div			
MCUD called Richmond Utilities						All of Speedwell Rd Up To But			
MCUD called BUD						Speedwell Rd to 579 Meadowbrix			
MCUD called E. O. C.	Line Break - Cast Iron Line	5005-4404-031	niM Of aH f	<b>3</b> 9:71	Sp:91	Intersection of Hiway 52 &	001	306 Meadowbrook Road	10/27/2005
						All of East Point Sub. Div.	67	Mritt Rd	4,
MCUD called BUD						All of Meadowbrook Rd	34	Meadowbrook rd	
MCUD called E. O. C.	Repair Leak		#11	10:30	9:30	Speedwell Rd	Of	Speedwell Rd	10/17/2005
call, etc.) MCUD called E.O.C.	(Bill Noble)	PÀ WCND				Part of King's Trace Drv			
Contractor responsible for BUD	nt-siT framqolavaQ waM	anoM	niM 2S and E	31:71	14:50	All King Luke Court	30	Part of King's Trace	10/11/2005
MCUD called BUD									
MCUD called E. O. C.	Someone Hit Line		niM 02 2111 S	13:40	03:01		St - 01	Rhodella Drive	10/6/2005
MCUD called BUD						& Red House Rd		Blvd & Red House Rd	
MCUD called E. O. C.	Fh & GV Blew Off Line		1 Ht 50 Min	11:50	10:00	Madison Hills Blvd	10-12	Intersection of Mad. Hills	10/6/2005
003111 01011	.120 10710 12			0377	00 01	1 (4 11.)	<u> </u>		3000000
MCUD called BUD						Cross Creek Sub, Div.			
MCUD called E. O. C.	Line Break		niM 02 ziH E	11:20	05:7	Wellington Sub. Div.	St	Parkwood Drive	10/3/2005
MCND called BND						265 to 281 Savannah Drive			
MCUD called E. O. C.	Repair Fire Hydrant		niM 35 at E	Str:91	13:10	241 to 258 Savannah Drive	69	Bayview Sub. Div.	902/12/6
O O JPHIS GRION	V-7-11 -: U-1U		-:11 30110	31.01	07.07		- 00		3000200
MCUD called E. O. C.	Repair Fire Hydrant		nim 04 1H f	11:10	0£:6	evirQ telliM at s of tost	100	201 Miller Drive	9/27/2005
MCUD called Bell South		<u> </u>							
MCUD called Delta Gas	Robert Helton	2005-4000-028							
MCUD called BUD	csiled in by	720-0001-2002				N.S. 421 & KY 499			
MCUD called E. O. C.	Main Line Break	८ ८३॥३	niM 28	90:71	01:31	Nogo Lane to Intersection of	11	409 Crooksville Rd	6/25/2005
Construction on Highway 52	Renovation								
Renovation	Passed Over During Highway								
.O.O.3 belies dUOM \called	Suspect Damaged as Lg Trucks					Trucking Including Stueben Ln		(Gu	
Contractor responsible for BUD	Broken Valve		niM 06 etH 7	15:30	00:8	Green's Circle to Overbey	16 +20 +13	S yewngiH	9/22/2005
M1103111111	Disruption	Confirmation #	(hr. & min.)	Restored	Naived Down	(of \ mort)	betoette	Location	Date
Comments	Reason for	ana B		Fime Service	əmiT	Description of Area Affected	# Customers		<u> </u>

# AUIDUN CU. UIILIII 155 N KEENELAND DRIVE

PG BOX 670

DICHMOND NA TUTA UESO

2005 \$	Service Interruptions -	MCUD
		# Custome
Date	Location	Affected

2003 0	ervice interruptions	- INICOD					RICHMO	ND KY 40476_0670	. , , , ,
		# Customers	Description of Area Affected	Time	Time Service	Time Down	BUD	Reason for	Comments
Date	Location	Affected	(from / to)	Valved Down	Restored	(hr. & min.)	Confirmation #	Disruption	
11/3/2005	White Hall Manor	80 - 100	All of development until valve	9:42	9:57	15 Min			MCUD called E. O. C.
			was located; after valved was					RB found valve @ 10:05	
	106 White Valley Road	1 only	located (buried) only I customer	9:42	11:12	1 Hr 30 Min			
			was affected.						
11/12/2005	483 Waco Loop	12	100 to 160 Drowning Creek Rd	8:45	9:50	1 Hr 5 Min	2005-4700-006	Break in Cast Iron Line	MCUD called E. O. C.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	17	631 to 343 Waco loop Rd						MCUD called BUD
		25	All of Ben Reeves Rd						MCUD called Columbia Gas
		36	All of Bybee Loop Rd						
11/27/2005	Charlie Norris Rd	70	769 to 1125 Charlie Norris Rd	12:45	15:45	3 Hrs		Line Break - Cast Iron Line	MCUD called E. O. C.
11/2/12/05	Criatile Ivollis IVO	28+3	All of Oakley Wells Rd	12.40	10,40	31115		Line bleak - Cast Hort Line	MOOD called E. O. C.
		24	All of Box Ankle Rd						
11/27/2005	College Hill Rd	45	585 to 745 College Hill Rd	18:30	21:00	2 Hrs 30 Min		Line Under Culvert Broke	MCUD called E. O. C.
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#### MADISON CO. UTILITY 155 N KEENELAND DRIVE PO BOX 670

Attachment "E".

2000 -	2005 Custor	ner Grow	th				RIC A three lune 30	H M O N D - 1	Y 4 0 4 7 6	Quarter ( Jul	y 1 thru Sept, 30	). (	4th	Quarter ( Oc	t.1 thru Dec. 31	)	Change in Customer	Mtr Install
	lst (		.1 thru Mar. 31)	en Andres	2nd Customer	Quarter ( Ap	r.1 thru June 30		Customer		Unmetered	Total	Customer Type	Metered	Unmetered	Total	Count	Mtr Drops
	Customer	Metered	Unmetered	Total	Type	Metered	Unmetered	Total	Туре	Metered 7,730	0	7,730	Residential	7,784	0	7,784		W0000#
ear	Type	7.553	0	7,553	Residential	7,662	0	7,662	Residential	314	7	321	Commercial	324	7	331	"2000"	"2000"
000	Residential	318	7	325	Commercial	318	7	325	Commercial		0	0	Industrial	0	0	0		
	Commercial	0	0	0	Industrial	0	0	0	Industrial	7	0	7	Government	6	0	6		
	Industrial	6	0	6	Government	6	0	6	Government			8,058	Total #	8,114	7	8,121	237	320
	Government		7	7,884	Total #	7,986	7	7,993	Total #	8,051	7	0,000	10					
	Total #	7,877	- '-	1,004								7,947	Residential	7,995	0	7,995	"2001"	"2001"
			-	7.825	Residential	7,889	0	7,889	Residential	7,947	0	307	Commercial	292	7	299		
2001	Residential	7,825	7	329	Commercial	313	7	320	Commercial	300	7	0	Industrial	0	0	0		
	Commercial	322		0	Industrial	0	0	0	Industrial	0	0	6	Government	6	0	6		
	Industrial	0	0	6	Government	6	0	6	Government	6	0			8,293	7	8.300	140	340
	Government	6	0		Total #	8,208	7	8,215	Total #	8,253	7	8,260	Total #	0,233	<del> </del>			
	Total #	8,153	7	8,160	1081#	0,200								7,976	0	7,976	"2002"	"2002
					n 11-6-1	7,884	0	7,884	Residential	7,909	0	7,909	Residential		6	555		
2002	Residential	8,034	0	8,034	Residential	490	6	496	Commercial	541	6	547	Commercial	549	1	10		
	Commercial	276	7	283	Commercial	9	1	10	Industrial	9	0	9	Industrial	9	0	18		
	Industrial	0	0	0	Industrial	18	0	18	Governmen	18	1	19	Government	18	7	8,559	236	292
	Government	6	0	6	Government		7	8,408	Total #	8,477	7	8,484	Total #	8,552		0,008	200	-
	Total #	8,316	7	8,323	Total #	8,401		0,400								0.042	"2003"	"2003
								8,078	Residentia	8,126	0	8,126	Residential	8,213	0	8,213	2003	200
2003	Residential	8,011	0	8,011	Residential	8,078	0	569	Commercia	-	7	578	Commercial	560	7	567 8		+-
2000	Commercial	535	6	541	Commercial	563		10	Industrial	8	0	8	Industrial	8	0			
	Industrial	9	1	10	Industrial	9	1	19	Governmen	nt 18	0	18	Government	18	0	18	000	35
	Government	18	0	18	Governmen		0			8,723	7	8,730	Total #	8,799	7	8,806	226	35
	Total #	8,573	7	8,580	Total #	8,669	7	8,676	10tal #	0,720								*200
	1000111	5,010							Residentia	8.427	0	8,427	Residential	8,491	0	8,491	"2004"	200
0004	Residential	8,265	0	8,265	Residentia		0	8,346		500	7	576	Commercial	580	7	587		-
2004	Commercial		7	534	Commercia		7	583	Commercia		0	7	Industrial	7	0	7		
	Industrial	8	0	8	Industrial	7	0	7	Industrial	-	0	18	Governmen	t 18	0	18		
			0	22	Governmen	nt 21	0	21	Governme		+ 7	9,028	Total #	9,096	7	9,103	274	41
	Governmen	8,822		8.829	Total #	8,950	7	8,957	Total #	9,021	'	- 0,520						
	Total #	8,022										8,738	Residentia	8,810	0	8,810	"2005"	
		0.550	0	8.559	Residentia	8,628	0	8,628			7	665	Commercia		7	644		or
2005	Residentia		7	591	Commerci	211	7	618				6	Industrial	6	0	6		thru
	Commercia			6	Industria		0	6	Industria		0	19	Governmen		0	20		mo
	Industrial	6	0	18	Governme		0	19	Governme		0			9,473	7	9,480	306	3
	Governmen	nt 18	U	10	Total #	9,264	7	9,27	1 Total #	9.42	7	9,428	10141#	0,470				