2011 Capital Budget Capital Improvement Program

Agency Name:

Water Utility

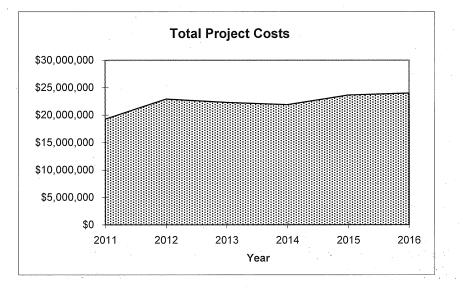
Agency Number:

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	Budget		Fut	ure Year Estir	nates	and the second second
Project Name	2011	2012	2013	2014	2015	2016
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1 Lead Service Replacements	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0\$	0
2 Meter Program	50,000	50,000	375,000	383,000	391,000	399,000
3 Water Mains - Replacements	7,310,000	7,566,000	7,869,000	8,079,000	8,402,000	8,822,000
4 Water Mains - New	788,000	835,000	893,000	964,000	1,051,000	1,156,000
5 SCADA System Upgrade	30,000	32,000	34,000	36,000	38,000	250,000
6 Zone 4 Fire Flow Supply Augmentation	953,000	2,929,000	0	0	1,217,000	0
7 Arbor Hills Supp. Fire Flow Supply	1,016,500	0	750,000	600,000	0	0
8 East Side Water Supply Project	399,000	3,456,000	4,589,000	4,385,000	1,177,000	1,303,000
9 Pressure Zone 9 Storage	0	0,100,000	53,000	468,000	2,631,000	0
10 Pressure Zone 7&8 Supp Supply	380,000	0	638,000	258,000	3,424,000	0
11 Pump Station 220	0	0	000,000	55,000	92,000	1,225,000
12 Lakeview Reservoir-Reconstruction	50,000	175,000	2,664,000	900,000	. 0	0
13 Booster Pump Station 114	0		2,004,000	- 0	56,000	1,008,000
· · · · · · · · · · · · · · · · · · ·		0 52,000	. –			
14 North End Supplemental Supply	0		130,000	658,000	296,000	3,917,000
15 Security Upgrades	191,000	199,000	207,000	215,000	224,000	233,000
16 System Wide Miscellaneous Projects	287,600	309,300	332,200	295,300	318,600	364,100
17 Paterson Street Building Remodel	0	35,000	1,606,000	4,080,000	300,000	0
18 Advanced Metering Infrastructure	5,829,000	6,124,000	0	0	0	0
19 Booster Station 106 - Rebuild	50,000	120,000	1,772,000	0	1,000,000	0.
20 Zone 11- Blackhawk Elevated Storage	0	0	0	55,000	164,200	2,376,200
21 Misc Pump Station/PRV/Facility Project	1,831,200	1,036,000	392,000	468,200	2,884,000	2,969,100
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	•	Tota	I	•				\$	19,265	5,300	\$ 22,918,	300	\$	22,304,2	00	\$2	1,899,50	0	\$23	,665,8	00	\$ 2	24,022	,400	



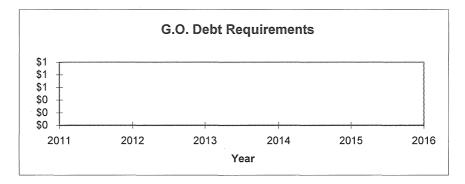
2011 Capital Budget Expenditure Categories and Funding Sources

Agency Name:

Water Utility

Agency No.: 64

	Capital							
All Projects	 Budget		Futu	ire	Year Estim	ate	S	
	2011	2012	2013		2014		2015	2016
Expenditures:								
Purchased Services	\$ 887,700	\$ 1,217,000	\$ 1,429,000	\$	1,139,200	\$	1,318,200	\$ 1,163,300
Materials & Supplies	6,967,600	6,828,300	1,231,200		1,273,300		1,626,600	1,562,100
Inter-Agency Charges	0	0	0		0		0	0
Loans	0	0	0		0		0	0
Professional Fees	0	0	0		0		0	0
Land & Land Improve	250,000	650,000	130,000		958,000		0	3,695,000
Building & Bldg Improve	10,210,000	14,223,000	19,514,000		18,529,000		20,721,000	17,602,000
Equipment and Vehicles	950,000	0	0		0		· 0	0
Other	 0	 0	 0		0		0	 0
Total Project Costs	\$ 19,265,300	\$ 22,918,300	\$ 22,304,200	\$	21,899,500	\$	23,665,800	\$ 24,022,400
Funding Sources:								
Federal Sources	\$ 0	\$ 0	\$ 0	\$	0	\$	0	\$ 0
State Sources	0	0	0		0		0	0
Impact Fees	0	0	0		0		0	0
Private Contributions	0	0	0		0		0	0
Revenue Bonds	18,765,300	22,918,300	22,304,200		21,899,500		23,665,800	24,022,400
Special Assessments	0	0	0		0		0	0
TIF Cash	0	0	0		0		0	0
Carry-Forward Applied	0	0	0		0		0	0
Reserves Applied	0	0	0		0		0	0
Other	 500,000	 0	 0		0		0	 0
Total Other Sources	\$ 19,265,300	\$ 22,918,300	\$ 22,304,200	\$	21,899,500	\$	23,665,800	\$ 24,022,400
G.O. Debt	\$ 0	\$ 0	\$ 0	\$	0	\$	0	\$ 0



2011 Capital Budget G.O. Target Summary

Agency Name: Water Utility

Agency Number:

64

	Α	- B	= C	Total Request						
	Requested	- Suppl.	= Target	G.O.	Other	-				
Project Name	G.O.	G.O.	G.O.	Debt	Funding	Total				
	0.0.	0.0.	0.0.	Dest	runung	Total				
1 Lead Service Replacements	\$ 0	\$0	\$ 0	\$ O	\$ 100,000	\$ 100,000				
2 Meter Program	0	0	0	0	50,000	50,000				
3 Water Mains - Replacements	0	0	0	0	7,310,000	7,310,000				
4 Water Mains - New	0	0	0	0	788,000	788,000				
5 SCADA System Upgrade	0	0	0	0	30,000	30,000				
6 Zone 4 Fire Flow Supply Augmentation	0	0	0	0	953,000	953,000				
7 Arbor Hills Supp. Fire Flow Supply	0	0	0	0	1,016,500	1,016,500				
8 East Side Water Supply Project	0	0	0	0	399,000	399,000				
9 Pressure Zone 9 Storage	0	0	0	0	0	0				
10 Pressure Zone 7&8 Supp Supply	0	0	0	0	380,000	380,000				
11 Pump Station 220	0	0	0	0	0	0				
12 Lakeview Reservoir-Reconstruction	· 0	0	0	0	50,000	50,000				
13 Booster Pump Station 114	0	0	0	0	0	0				
14 North End Supplemental Supply	0	0	0	0	0	0				
15 Security Upgrades	0	0 0	0	0	191,000	191,000				
16 System Wide Miscellaneous Projects	0	0 0	0	0	287,600	287,600				
17 Paterson Street Building Remodel	0	0 0	0	0	0	0				
18 Advanced Metering Infrastructure	0	0	0	0	5,829,000	5,829,000				
19 Booster Station 106 - Rebuild	0	0	0	0	50,000	50,000				
20 Zone 11- Blackhawk Elevated Storage	0	ů 0	0	0	00,000	0,000				
21 Misc Pump Station/PRV/Facility Project	-	0 0	0	0	1,831,200	1,831,200				
22 0	0	ů 0	0	0	1,001,200	0				
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57 0		0	0	0	0	0	0
58 0		0	0	0	0	0	0
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60 0		0	0	0	0	0	0
Tota	al	\$ 0	\$0	\$	\$0	\$ 19,265,300	\$ 19,265,300

2011 Capital Budget Reauthorized Funding Summary

Agency Name: Water Utility		Agency Numb	oer: 6	4
	Capital	Reques	ted Reauthoriz	zation
	Agency	G.O.	Other	
Project Name	Number	Debt	Funding	Total
1 Lead Service Replacements	810456	 \$0	\$ 0 5	6 0
2 Meter Program	810454		φ ų ų , 0	0
3 Water Mains - Replacements	810455		0	0
4 Water Mains - New	810455		0 0	0
5 SCADA System Upgrade	810459		0	0
6 Zone 4 Fire Flow Supply Augmentation	810517	0	125,000	125,000
7 Arbor Hills Supp. Fire Flow Supply	810516	0	885,000	885,000
8 East Side Water Supply Project	810517	0	0	0
9 Pressure Zone 9 Storage	810516		0	0
10 Pressure Zone 7&8 Supp Supply	810517	0	173,000	173,000
11 Pump Station 220	810516	0	0	0
12 Lakeview Reservoir-Reconstruction	810516		50,000	50,000
13 Booster Pump Station 114	810516	0	0	0
14 North End Supplemental Supply	810517	0	0	0
15 Security Upgrades	810458	0		0
16 System Wide Miscellaneous Projects	810458	0	0	0
17 Paterson Street Building Remodel	0	0	0	0
18 Advanced Metering Infrastructure	810664	0	0	0
19 Booster Station 106 - Rebuild	810516	0	50,000	50,000
20 Zone 11- Blackhawk Elevated Storage	810516	an er al the literation is a fer-	0	0
21 Misc Pump Station/PRV/Facility Project	810458		125,000	125,000
22 0	0	0	120,000	0
23 0	0	0		0
24 0	0	0	0	0
25 0	0	0	0	0
26 0	0	0	0	0
27 0	0	0	0	0
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	Capital	Requested Reauthorization							
	Agency		G.O.	Other					
Project Name	 Number		Debt	Funding	Total				
46 0	0		0	0	0				
47 0	.0		0	0	0				
48 0	0		0	0	0				
49 0	0		0	0	0				
50 o	0		0	0	0				
51 0	0		0	0	0				
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54 0	0		0	0	0				
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56 0	0		0	0	o				
57 0	0		0	0	o				
58 0	0		0	0	o				
59 o	0		0	0	0				
60 0	0		0	0	· 0				
Total		\$	0	\$ 1,408,000	\$ 1,408,000				

Project Title: Lead Service Replacements

to be completed by November 2011.

Agency Name: Project No:	Water Utility 1	Agency Number: 64 Category: 4
Description:	Replace lead water service laterals required to meet	federally mandated goals. We received an
	extension to the original consent decree and the stipu	ulation now requires that this project be
	concluded by January 2012, but because of the limita	ations of the construction season, the work needs

		_				
	Capital					
Project Budget:	Budget		F	uture Year Estimat	es	
	2011	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Expenditures:						
Purchased Services	\$0	\$0	\$ 0	\$0	\$0	\$0
Materials & Supplies	0	0	0	0	0	0
Inter-Agency Charges	0	0	0	0	0	0
Loans	0	0	0	0	0	0
Professional Fees	0	0	0	0	0	0
Land & Land Improve	0	0	0	0	0	0
Building & Bldg Improve	100,000	0	0	0	0	0
Equipment and Vehicles	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total Project Costs	\$ 100,000	<u>\$0</u>	\$0	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Funding Sources:						
Federal Sources	\$0	\$0	\$0	\$0	\$0	\$0
State Sources	0	0	0	0	0	0
Impact Fees	0	0	0	0	0	0
Private Contributions	0	0	0	0	0	0
Revenue Bonds	100,000	0	0	0	0	0
Special Assessments	0	0	0	0	0	0
TIF Cash	0	0	0	0	0	0
Carry-Forward Applied	0	. 0	0	0	0	0
Reserves Applied	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total Other Sources	\$ 100,000	\$ 0	<u>\$0</u>	<u>\$ 0</u>	<u>\$0</u>	<u>\$0</u>
General Obligation Debt	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Project Title:	Lead Service Replacements		
Agency Name: Project No:	Water Utility 1	Agency Number: Category:	64 4
Section 1			
Is this the project's fir	st year? No		
If yes, skip to Section If no, fill in the followi			
Amount spent on this	project in previous years: ongoing		
Fund # Agency #	ew01 Water Utility 810456 Lead Service Replacements		·
	the impact of this project upon the operating budget.		
Costs are capitalized	and do not affect the operating budget.		
	s project impact any results tracked by Madison Measures? If so uantify the potential impacts to the extent possible.	, which measure(s)?	

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Mandated by Federal law and enforced by Wisconsin Department of Natural Resources. Increases customer pressure and flow and reduces amount of lead found in drinking water.

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Project Title:	Meter Program	
Agency Name:	Water Utility	Agency Number: 64
Project No:	2	Category: 3&4
Description:	Purchase and set new meters for residential customers. Pe meters ranging in size from 5/8" to 10" in accordance with P	•
	rules.	

	Capital										
Project Budget:	Budget				F	uture	e Year Estimate	es			
	<u>2011</u>		<u>2012</u>		<u>2013</u>		<u>2014</u>		<u>2015</u>		2016
Expenditures:											
Purchased Services	\$	0\$	0	\$	0	\$	0	\$	0	\$	0
Materials & Supplies	50,00	0	50,000		375,000		383,000		391,000		399,000
Inter-Agency Charges		0	0		0		0		0		0
Loans		0	0		0		0		0		0
Professional Fees		0	0		0		0		0		0
Land & Land Improve		0	0		0		0		0		0
Building & Bldg Improve		0	0		0		0		0		0
Equipment and Vehicles		0	0		0		0		0		0
Other		0	0		0		0		0		0
Total Project Costs	\$ 50,00	0 \$	50,000	<u>\$</u>	375,000	\$	383,000	\$	391,000	<u>\$</u>	399,000
Funding Sources:											
Federal Sources	\$	0\$	0	\$	0	\$	0	\$	0	\$	0
State Sources		0	0		0		0		0		0
Impact Fees		0	0		0		0		0		0
Private Contributions		0	0		0		0		0		0
Revenue Bonds	50,00	0	50,000		375,000		383,000		391,000		399,000
Special Assessments		0	0		0		0		0		0
TIF Cash		0	0		0		0		0		0
Carry-Forward Applied		0	0		. 0		0		0		0
Reserves Applied		0	0		0		0		0		0
Other		0	0		0		0		0		0
Total Other Sources	\$ 50,00	0 \$	50,000	\$	375,000	\$	383,000	\$	391,000	\$	399,000
General Obligation Debt	\$	0 \$	0	\$	0	<u>\$</u>	0	<u>\$</u>	0	<u>\$</u>	0

Project Title:	Meter Program	
Agency Name Project No:	e: Water Utility 2	Agency Number: 64 Category: 3&4
Section 1		
Is this the proj	ect's first year? No	
If yes, skip to s If no, fill in the		
Amount spent	on this project in previous years:	ongoing
Fund # Agency #	ew01 Water Utility 810454 Meter Program-Wat	er Utility
Little or no affe	escribe the impact of this project upo ect on the operating budget as the pro meters in service increases.	n the operating budget. ogram costs are capitalized. Additional revenue is generated as
	pes this project impact any results tra ease quantify the potential impacts to	cked by Madison Measures? If so, which measure(s)? the extent possible.

	No	가 가 있는 것이 있다. 같은 것은 것이 있는 것이 같이 있는 것이 있는 것
이 가지 않는 것 같은 것이 있었다. 이 가지 않는 것은 것은 것은 것은 것은 것이 있었다. 이 가지 않는 것이 있는 것이 가지 않는 것이 가지 않는 것이 있는 것이 가지 않는 것이 있다. 이 것이 아니는 것이 가지 않는 것이 같은 것이 있는 것이 있었다. 이 것이 같은 것이 있는 것이 같은 것이 있는 것이 있는 것이 있는 것이 있는 것이 같은 것이 있다. 것이 있는 것이 같은 것이 있 같은 것이 같은 것이 이 아니는 것은 것이 같은 것이 있다. 이 것이 있었다. 이 것은 것이 있는 것이 같은 것이 있는 것이 있는 것이 있다. 것이 있는 것이 같은 것이 있는 것이 같은 것이 있다. 이 아니는 것이 같은 것이 같은 것은 것이 같은 것이 있다. 것이 같은 것이 같은 것이 같은 것이 같은 것이 같은 것이 같은 것이 같이 있		
이 있는 것이 이 이 가장 있는 것이 있다. 이 이 것은 것이 있는 것 이 가장 것이 있는 것이 가장 2015년 1월 2015년		사업 이 가지 않는 것이 있는 것은 것은 것이 가지 않는 것이 가지 않는 것이 있다. 같은 것은 것은 것이 같은 것이 같은 것이 같은 것이 같은 것이 같은 것이 같이
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Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Growth drives the need for new meters and older meters need replacement.

Project Title: Water Mains - Replacements

Agency Name:	Water Utility	Agency Number:	64
Project No:	3	Category:	4
Description:	Madison Water Utility has a planned sys	stem replacement and upgrade program that provi	des for

Madison Water Utility has a planned system replacement and upgrade program that provides for annual main replacements. The Utility needs to replace over 400 miles of pipe in the next 40 years to renew the system. A planned annual increase in spending to accomplish this goal by 2050 will be continued.

	Сар	ital]									
Project Budget:	Bud	get				F	uture	Year Estimate	es			
	201	<u>11</u>		2012		2013		2014		2015		2016
Expenditures:												
Purchased Services	\$. 0	\$	0	\$	0	\$. 0	\$	0	\$	0
Materials & Supplies		0		0		0		0		0		0
Inter-Agency Charges		0		0		0		0		0		0
Loans		0		0		0		0		0		0
Professional Fees		0		0		0		0		0		0
Land & Land Improve		0		0		0		0		0		0
Building & Bldg Improve	7,	310,000		7,566,000		7,869,000		8,079,000		8,402,000		8,822,000
Equipment and Vehicles		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Project Costs	<u>\$</u> 7,	310,000	\$	7,566,000	<u>\$</u>	7,869,000	<u>\$</u>	8,079,000	\$	8,402,000	<u>\$</u>	8,822,000
Funding Sources:												
Federal Sources	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
State Sources		0		0		0		0		0		0
Impact Fees		0		0		0		0		0		0
Private Contributions		0		0		0		0		0		0
Revenue Bonds	7,	310,000		7,566,000		7,869,000		8,079,000		8,402,000		8,822,000
Special Assessments		0		0		0		0		0		0
TIF Cash		0		0		0		0		0		0
Carry-Forward Applied		0		0		0		0		0		0
Reserves Applied		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Other Sources	<u>\$7</u> ,	310,000	\$	7,566,000	\$	7,869,000	\$	8,079,000	\$	8,402,000	\$	8,822,000
General Obligation Debt	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0

Project Title:	Water Mains - Replacements		
Agency Name: Project No:	Water Utility 3	Agency Number: Category:	64 4
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	roject in previous years: ongoing		
Fund # Agency #	ew01 Water Utility 810455 Water Mains-Water Utility		
	ne impact of this project upon the operating budget.		
	and fewer main breaks, improved hydraulics, fire flow, and cu nted for water and would help in our water conservation goals.	stomer service. There w	<i>r</i> ould be

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

Main Replacements - the Utility is requesting \$7,310,000 in funding for main replacements that will allow the Utility to replace approximately 7 miles of main.

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Replacing our infrastructure in a timely manner is critical to maintaining the current level of service to our customers. Older mains require replacement and taking advantage of street reconstruction projects reduces inconveniences to customers and reduces the cost of the project through the shared effort. If we reduced the amount of replacement work, we would only be delaying the needed infrastructure replacement and we would see increasing cost due to inflation.

Water Utility	Agency Number: 64
4	Category: 3
improve fire protection, allow transfer of wa	the existing distribution system, improve pressures, ter from pressure zone to pressure zone, and serve the nin this project will implement recommended improvements oted in 2006.
	4 Install new water mains to help strengthen t improve fire protection, allow transfer of wat growing Madison area. Mains installed with

	Capital								
Project Budget:	Budget			F	uture	e Year Estimat	es		
	<u>2011</u>	2012		2013		2014		2015	2016
Expenditures:									
Purchased Services	\$ 0	\$ 0	\$	0	\$	0	\$	0	\$ 0
Materials & Supplies	0	0		0		0		0	0
Inter-Agency Charges	0	0		0		0		0	0
Loans	0	0		0		. 0		0	0
Professional Fees	0	0		0		0		. 0	0
Land & Land Improve	0	0		0		0		0	0
Building & Bldg Improve	788,000	835,000		893,000		964,000		1,051,000	1,156,000
Equipment and Vehicles	0	0		0		0		0	0
Other	0	 0		0		0		0	 0
Total Project Costs	\$ 788,000	\$ 835,000	<u>\$</u>	893,000	\$	964,000	\$	1,051,000	\$ 1,156,000
Funding Sources:	·								
Federal Sources	\$0	\$ 0	\$	0	\$	0	\$	0	\$ 0
State Sources	0	0		0		0		0	0
Impact Fees	0	0		0		0		0	0
Private Contributions	0	0		0		0		0	0
Revenue Bonds	788,000	835,000		893,000		964,000		1,051,000	1,156,000
Special Assessments	0	0		0		0		0	0
TIF Cash	0	0		0		0		0	0
Carry-Forward Applied	0	0		0		0		0	0
Reserves Applied	0	0		0		0		0	0
Other	0	 0		0		0		0	 0
Total Other Sources	\$ 788,000	\$ 835,000	\$	893,000	\$	964,000	\$	1,051,000	\$ 1,156,000
General Obligation Debt	\$ 0	\$ 0	\$	0	\$	0	\$	0	\$ 0

Project Title:	Water Mains - New	
Agency Name: Project No:	Water Utility 4	Agency Number: 64 Category: 3
Section 1		
Is this the project's fir	st year? No	· · · ·
If yes, skip to Sectior If no, fill in the followi		
Amount spent on this	project in previous years: ongoing	
Fund # Agency #	ew01 Water Utility 810455 Water Mains-Water Utility	
	the impact of this project upon the operating but t on operating budget. Costs are capitalized. Th	
	s project impact any results tracked by Madison I uantify the potential impacts to the extent possib	
No		

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? New mains will correct deficiencies, improve service and reduce pressure complaints, improve fire protection, and provide water service to growing areas of the City.

Project Title: SCADA System Upgrade

Agency Name:Water UtilityProject No:5

Agency Number: 64 Category: 4

Description:

SCADA (Supervisory Control And Data Acquisition) System. This system allows the utility to remotely control and monitor our wells, booster stations, and reservoirs from our central location. Upgrade completed in 2010, continuing improvements to system.

	Capital	7			_						
Project Budget:	Budget					uture	e Year Estimate	es	2045		
	2011		<u>2012</u>		2013		2014		2015		<u>2016</u>
Expenditures:											
Purchased Services	\$ ()\$	0	\$	0	\$	0	\$	0	\$	0
Materials & Supplies	30,000)	32,000		34,000		36,000		38,000		250,000
Inter-Agency Charges	C)	0		0		0		0		0
Loans	C)	0		0		0		0		0
Professional Fees	C)	0		0		0		. 0		0
Land & Land Improve	()	0		0		0		0		0
Building & Bldg Improve	. ()	0		0		0		0		0
Equipment and Vehicles	C)	0		0		0		0		0
Other	(<u> </u>	0		0		0		· 0		· 0
Total Project Costs	\$ 30,000	<u>\$</u>	32,000	<u>\$</u>	34,000	\$	36,000	\$	38,000	\$	250,000
Funding Sources:											
Federal Sources	\$ (\$	0	\$	0	\$	0	\$	0	\$	0
State Sources	()	0		0		0		0		0
Impact Fees	()	0		0		0		0		0
Private Contributions	()	0		0		0		0		0
Revenue Bonds	30,000)	32,000		34,000		36,000		38,000		250,000
Special Assessments)	0		0		0		0		0
TIF Cash	()	0		0		0		0		0
Carry-Forward Applied	()	0		0		0		0		0
Reserves Applied	()	0		0		0		0		0
Other	()	0		0		0		0		0
Total Other Sources	\$ 30,000	\$	32,000	\$	34,000	\$	36,000	\$	38,000	\$	250,000
General Obligation Debt	\$ (<u> </u>	0	\$	0	\$	0	\$	0	<u>\$</u>	0

Project Title:	SCADA System Upgrade		
Agency Name: Project No:	Water Utility 5	Agency Number: Category:	64 4
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	roject in previous years: Ongoing		
Fund # Agency #	ew01 Water Utility 810459 Unit Wells-Water Utility		
	he impact of this project upon the operating budget.		entre la tradació
An updated SCADA sys	stem has the potential to improve operational efficiency and red	uce labor costs.	
na je se se oraziona pomoli, starona en uzbila da la des-		u nyeon een ^a kaanga di kara ay	Allowing and a second second

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No	
a Longa	

<u>Section 4</u> Justification. Why is this project important? What is the impact of not including it in the Budget? Having the ability to monitor and control the system remotely is critical to Utility operations and system security.

Project Title: Zone 4 Fire Flow Supply Augmentation

Agency Name:	Water Utility	Agency Number:	64
Project No:	6	Category:	4

Description: The proposed well, pump station, and reservoir on the southeast side will provide a new source of water supply to improve service levels, system redundancy and reliability to Pressure Zone 4. The Public Participation Process began in 2009, a site will be identified and purchased in 2010, a test well and production well will be drilled as well as the design of the unit well, pump house and reservoir in 2011, followed by the construction of the well, pump house, and reservoir in 2012. Pipeline Work is scheduled for 2015.

		Capital	1										
Project Budget:		Budget					F	uture	e Year Estimat	es			
		<u>2011</u>		2012		2013			<u>2014</u>		2015		2016
Expenditures:													
Purchased Services	\$	221,000	\$	166,000	\$		0	\$	0	\$	0	\$	0
Materials & Supplies		0		0			0		0		0		0
Inter-Agency Charges		0		0			0		0		0		0
Loans		0		0			0		0		0		0
Professional Fees		0		0			0		0		0		0
Land & Land Improve		0		0			0		0		0		0
Building & Bldg Improve		732,000		2,763,000			0		0		1,217,000		0
Equipment and Vehicles		0		0			0		0		0		0
Other		0		0			0		0		0		0
Total Project Costs	<u>\$</u>	953,000	\$	2,929,000	\$		0	\$	0	\$	1,217,000	<u>\$</u>	0
Funding Sources:													
Federal Sources	\$	0	\$	0	\$		0	\$	0	\$	0	\$	0
State Sources		0		0			0		0		0		0
Impact Fees		0		0			0		0		0		0
Private Contributions		0		0			0		0		0		0
Revenue Bonds		953,000		2,929,000			0		0		1,217,000		0
Special Assessments		0		0			0		0		0		0
TIF Cash		0		0			0		0		0		0
Carry-Forward Applied		0		0			0		0		0		0
Reserves Applied		0		0			0		0		0		0
Other		0		0			0		0		0		0
Total Other Sources	<u>\$</u>	953,000	\$	2,929,000	<u>\$</u>		0	\$	0	\$	1,217,000	<u>\$</u>	0
General Obligation Debt	\$	0	\$	0	\$		0	\$	0	\$	÷ 0	<u>\$</u>	0

Project Title:	Zone 4 Fire Flow Supply Augmentation	Zone 4 Fire Flow Supply Augmentation											
Agency Name: Project No:	Water Utility 6	- 3 7	64 4										
Section 1													
Is this the project's	first year? No												
If yes, skip to Sect If no, fill in the follo													
Amount spent on t	his project in previous years: \$ 175,0	00											
Fund # Agency #	ew01 Water Utility 810517 New Wells/Water												

Section 2 Describe the impact of this project upon the operating budget.

No

There will be no impact on the operating budget until this well is placed into service in 2012. At that time we could see an increase in power, chemicals, and maintenance costs of approximately \$120,000. The increase in operating costs will be offset by additional water sales from our expanded customer base in the expanding southeast service area.

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

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Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Zone 4 Fire Flow Supply Augmentation project will correct a significant system deficiency identified by the Water Master Plan in the southeast corner of the system. Due to significant expansion over the years to the south, the hydraulics of the system will not adequately serve this area for fire flow supply or system reliability and redundancy. There is also significant development pressure in the southeast and this project will support further development of the area. Adding a second source of supply to the area will improve fire flow capacity and bring the water system level of service for the area up to Utility standards.

Project Title:	Arbor Hills Supp. Fire Flow Supply										
Agency Name: Project No:	Water Utility 7	Agency Numbe Categor									
Description:	Pressure Zone 7 to improve hydraulic A site for the pump station will be sel booster station in 2010. Constuction	d pipeline to allow the transfer of water from Pre cs and defer the need for additional supply in Pr ected and purchased along with completion of t of the booster station is scheduled to begin in 2 ne pipeline improvements will be constucted in 2	essure Zone 7. he design of the 011 and be								

	 Capital	1								
Project Budget:	Budget			E		e Year Estimat	~~			
Floject Budget.	2011		2012	<u>_</u>	uture	2014		2015		2016
	2011		2012	2013		2014		2015		2010
Expenditures:				-		_				_
Purchased Services	\$ 66,500	\$	0	\$ 0	\$	0	\$	0	\$	0
Materials & Supplies	0		0	0		0		0		0
Inter-Agency Charges	0		0	0		0		0		0
Loans	0		0	0		0		0		0
Professional Fees	0		0	0		0		0		0
Land & Land Improve	0		0	0		0		0		0
Building & Bldg Improve	0		0	750,000		600,000		0		0
Equipment and Vehicles	950,000		0	0		0		0		0
Other	 0		0	 0		0		0		0
Total Project Costs	\$ 1,016,500	\$	0	\$ 750,000	\$	600,000	\$	0	<u>\$</u>	0
Funding Sources:										
Federal Sources	\$ 0	\$	0	\$ 0	\$	0	\$	0	\$	0
State Sources	0		0	0		0		0		0
Impact Fees	0		0	0		0		0		0
Private Contributions	0		0	0		0		0		0
Revenue Bonds	1,016,500		0	750,000		600,000		0		0
Special Assessments	0		0	0		0		0		0
TIF Cash	0		0	0		0		0		0
Carry-Forward Applied	0		0	0		0		0		0
Reserves Applied	0		0	0		0		0		0
Other	0		0	0		0		0		0
Total Other Sources	\$ 1,016,500	\$	0	\$ 750,000	\$	600,000	\$	0	\$	0
General Obligation Debt	\$ 0	<u>\$</u>	0	\$ 0	\$	0	\$	0	\$	0

Project Title:	Arbor Hills Supp. Fire Flow Supply									
Agency Name: Project No:	Water Utility 7	Agency Number: Category:	64 3							
Section 1										
Is this the project's first	year? No									
If yes, skip to Section 2 If no, fill in the following										
Amount spent on this project in previous years: \$ 316,000										
Fund # Agency # Section 2 Describe th	ew01 Water Utility 810516 Booster Station/Water he impact of this project upon the operating budget.									
There will be no impact	t on the 2011 operating budget. Once the booster station is in o year in operating expenses.	peration we anticipate a								
Section 3 Does this p	project impact any results tracked by Madison Measures? If so,	which measure(s)?								

Please quantify the potential impacts to the extent possible.

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Arbor Hills Supplemental Fire Flow Supply will correct a significant system deficiency identified by the Water Master Plan. Due to the fact that the area is fed by a single 8-inch main on the Beltline Highway frontage road, the area is vulnerable to water outages and there is a significant restriction in fire flow capacity. This project will provide the ability to transfer water from Well 18 in Pressure Zone 6. The Project includes a pipeline on the Cannonball Run Bike Trail that will link the area to the Verona Road Area.

Project Title: East Side Water Supply Project

Agency Name:	Water Utility	Agency Number:	64
Project No:	8	Category:	4
Description:	This project is intended to combine fo	ur projects into one that will evaluate water demand	needs,

This project is intended to combine four projects into one that will evaluate water demand needs, water quality issues, and long term planning for the near east side of Madison. A replacement for Well 3, water quality issues at Wells 7, 8 and 15 and regional supply needs will be evaluated with regard to current conservation and water use trends.

	Capital		1									
Project Budget:	Budget					F	utur	e Year Estimate	es			
	<u>2011</u>			<u>2012</u>		<u>2013</u>		2014		2015		2016
Expenditures:												
Purchased Services	\$ 249	,000	\$	497,000	\$	611,000	\$	248,000	\$	0	\$	303,000
Materials & Supplies		0		0		0		0		0		0
Inter-Agency Charges		0		0		0		0		0		0
Loans		0		0		0		0		0		0
Professional Fees		0		0		0		0		0		0
Land & Land Improve		0		650,000		0		0		0		0
Building & Bldg Improve	150,	,000		2,309,000		3,978,000		4,137,000		1,177,000		1,000,000
Equipment and Vehicles		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Project Costs	\$ 399	,000	\$	3,456,000	\$	4,589,000	\$	4,385,000	\$	1,177,000	\$	1,303,000
Funding Sources:												
Federal Sources	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
State Sources		0		0		0		0		0		0
Impact Fees		0		0		0		0		0		0
Private Contributions		0		0		0		0		0		0
Revenue Bonds	399	,000		3,456,000		4,589,000		4,385,000		1,177,000		1,303,000
Special Assessments		0		0		0		0		0		0
TIF Cash		0		0		0		0		0		0
Carry-Forward Applied		0		0		0		0		0		0
Reserves Applied		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Other Sources	\$ 399	,000	\$	3,456,000	\$	4,589,000	\$	4,385,000	\$	1,177,000	\$	1,303,000
General Obligation Debt	\$	0	\$	0	<u>\$</u>	0	\$	0	<u>\$</u>	0	<u>\$</u>	0

Project Title: East Si	ide Water Supply	Project
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8

Agency Name: Project No: Water Utility

Agency Number: 64 Category: 4

Section 1

Is this the project's first year? No

If yes, skip to Section 2 If no, fill in the following:

Amount spent on this project in previous years: \$

Fund #	ew01 Water Utility
Agency #	810517 New Wells/Water

Section 2 Describe the impact of this project upon the operating budget.

There will be no impact on the operating budget in 2011. The effects on the operating budgets in future years are unclear until the East Side Water supply Poject study has been completed.

591.000

<u>Section 3</u> Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

Water Quality - Turbidity, Manganese, and Iron

This project continues funding for solutions to the Iron and Manganese issues at unit wells #7 and 8. Filters, whether individual or a central filtration plant, will help the Utility towards it's goal of turbidity at 1 ntu, managanese less than 50 ppb and iron less than 300 ppb.

<u>Section 4</u> Justification. Why is this project important? What is the impact of not including it in the Budget? This project addresses the East Side Water Supply issues and is necessary to continue to supply water to the east side that is high quality and sufficient in quantity.

Project Title: Pressure Zone 9 Storage

Agency Name: Project No:	Water Utility 9	Agency Number: Category:	64 3
Description:		servoir to serve Pressure Zone 9 in the southwest co cess will begin in 2013, with property purchase and de	
	anticipated in 2014, and construction in		

	Capital								
Project Budget:	Budget				uture	e Year Estimate	es		
	<u>2011</u>		2012	<u>2013</u>		<u>2014</u>		2015	2016
Expenditures:									
Purchased Services	\$ ()\$	0	\$ 53,000	\$	168,000	\$	126,000	\$ 0
Materials & Supplies	()	0	0		0		0	0
Inter-Agency Charges	()	0	0		0		0	0
Loans	()	0	0		0		0	0
Professional Fees	()	0	0		0		0	0
Land & Land Improve	()	0	0		300,000		0	0
Building & Bldg Improve	()	0	0		0		2,505,000	0
Equipment and Vehicles	()	0	0		0		0	0
Other	(<u> </u>	0	 0		0		0	 0
Total Project Costs	<u>\$</u> (<u>\$</u>	0	\$ 53,000	\$	468,000	\$	2,631,000	\$ 0
Funding Sources:									
Federal Sources	\$ () \$	0	\$ 0	\$	0	\$	0	\$ 0
State Sources	()	0	0		0		0	0
Impact Fees	()	0	0		0		0	0
Private Contributions	()	0	0		0		0	0
Revenue Bonds	()	0	53,000		468,000		2,631,000	0
Special Assessments	()	0	0		0		0	0
TIF Cash	()	0	0		0		0	0
Carry-Forward Applied	()	0	0		0		0	0
Reserves Applied	· ()	0	0		0		0	0
Other	(<u> </u>	0	0		0		0	0
Total Other Sources	\$ (<u>\$</u>	0	\$ 53,000	\$	468,000	\$	2,631,000	\$ 0
General Obligation Debt	\$(<u>\$</u>	0	\$ 0	\$	0	\$	0	\$ 0

Project Title:	Pressure Zone 9 Storage		
Agency Name: Project No:	Water Utility 9	Agency Number: Category:	64 3
Section 1			
Is this the project's firs	st year? Yes		
If yes, skip to Section If no, fill in the followin			
Amount spent on this	project in previous years: \$ 0		
Fund # Agency #	ew01 Water Utility 810516 Booster Station/Water		
There will be no impac	the impact of this project upon the operating budget. ct on the 2011 operating budget. Once the reservoir is in operation	on we anticipate an add	litional
\$10,000 per year in op	perating expenses.		
	project impact any results tracked by Madison Measures? If so, uantify the potential impacts to the extent possible.	which measure(s)?	
No			

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Pressure Zone 9 Storage project will correct a significant system storage deficiency in the Pressure Zone 9 area identified by the Water Utility Master Plan. Pressure Zone 9 has developed significantly with not only residential but commercial and institutional facilities. The fire flow requirements have increased due to this development to the point that current facilities do not meet minimum standards. The Master Plan proposes to construct storage on the west side of the zone to hydraulically balance the system.

Project Title: Pressure Zone 7&8 Supp Supply

Agency Name:Water UtilityProject No:10

Agency Number: 64 Category: 3

Description:

The well, pump station, and reservoir on the near west side will provide a new source of water supply to improve service levels, system redundancy and reliability to Pressure Zones 7 & 8. The Public Participation Process began in 2009, property purchase and the drilling of a test well are scheduled in 2011, with a production well to be drilled in 2013, design of the pumphouse in 2014 and construction of the well, pump house, and reservoir in 2015.

	Capital										
Project Budget:	Budget				F	uture	Year Estimate	es			
	2011		2012		<u>2013</u>		2014		2015		2016
Expenditures:											
Purchased Services	\$0	\$	0	\$	0	\$	258,000	\$	194,000	\$	0
Materials & Supplies	0		0		0		0		0		0
Inter-Agency Charges	0		0		0		0		0		0
Loans	0		0		0		0		0		0
Professional Fees	0		0		0		0		0		0
Land & Land Improve	250,000		0		0		0		0		0
Building & Bldg Improve	130,000		0		638,000		0		3,230,000		0
Equipment and Vehicles	0		0		0		0		0		0
Other	0		0		0		0		0		0
Total Project Costs	\$ 380,000	\$	0	\$	638,000	\$	258,000	\$	3,424,000	<u>\$</u>	0
Funding Sources:											
Federal Sources	\$0	\$	0	\$	0	\$	0	\$	0	\$	0
State Sources	0		0		0		0		0		0
Impact Fees	0		0		0		0		0		0
Private Contributions	0		0		0		0		0		0
Revenue Bonds	380,000		0		638,000		258,000		3,424,000		0
Special Assessments	0		0		0		0		0		0
TIF Cash	0		0		0		0		0		0
Carry-Forward Applied	0		0		0		0		0		0
Reserves Applied	0		0		0		0		0		0
Other	0		0		0		0		0		0
Total Other Sources	\$ 380,000	<u>\$</u>	0	<u>\$</u>	638,000	\$	258,000	\$	3,424,000	\$	0
General Obligation Debt	<u>\$0</u>	\$	0	<u>\$</u>	0	\$		\$	0	\$	0

Project Title:	Pressure Zone 7&8 Supp Supply		
Agency Name: Project No:	Water Utility 10	Agency Number: Category:	64 3
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	project in previous years: \$ 50,000		
Fund # Agency #	ew01 Water Utility 810517 New Wells/Water		
There will be no impact	he impact of this project upon the operating budget. t on the operating budget until this well is placed into service in 2 rer, chemicals, and maintenance costs of approximately \$120,00		uld
	project impact any results tracked by Madison Measures? If so, antify the potential impacts to the extent possible.	which measure(s)?	

No

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Zone 7 & 8 Supplemental Supply project will provide additional water supply capacity to both Pressure Zones 7 & 8. This well was identified in the Water Master Plan to address system supply issues projected in the future.

Project Title:	Pump Station 220	
Agency Name: Project No:	Water Utility 11	Agency Number: 64 Category: 3
Description:		transfer water from Pressure Zone 9 to Pressure Zone nd reduce the need for expanded supply capacity. This completed in 2016.

			1							
	Capital									
Project Budget:	Budget				F	uture	e Year Estimate	es		
	<u>2011</u>		<u>2012</u>		2013		<u>2014</u>		2015	2016
Expenditures:										
Purchased Services	\$	0	\$0	\$	0	\$	55,000	\$	92,000	\$ 0
Materials & Supplies		0	0		0		0		0	0
Inter-Agency Charges		0	0		0		0		0	0
Loans		0	0		0		0		0	0
Professional Fees		0	0		0		0		0	0
Land & Land Improve		0	0		0		0		0	0
Building & Bldg Improve		0	0		0		0		0	1,225,000
Equipment and Vehicles		0	0		0		0		0	0
Other		0	0		0		0		0	 0
Total Project Costs	\$	0	<u>\$</u> 0	\$	0	\$	55,000	<u>\$</u>	92,000	\$ 1,225,000
Funding Sources:				•						
Federal Sources	\$	0	\$ 0	\$	0	\$	0	\$	0	\$ 0
State Sources		0	0		0		0		0	0
Impact Fees		0	0		0		0		0	0
Private Contributions		0	0		0		0		0	. 0
Revenue Bonds		0	0		0		55,000		92,000	1,225,000
Special Assessments		0	0		0		0		0	0
TIF Cash		0	0		0		0		0	0
Carry-Forward Applied		0	0		0		0		0	0
Reserves Applied		0	0		0		0		0	0
Other		0	0		0		0		0	0
Total Other Sources	\$	0	\$0	\$	0	\$	55,000	\$	92,000	\$ 1,225,000
General Obligation Debt	\$	0	\$ 0	\$	0	\$	0	\$	0	\$ 0

Project Title:	Pump Station 220	
Agency Name: Project No:	Water Utility 11	Agency Number: 64 Category: 3
Section 1		
Is this the project's first	year? Yes	
If yes, skip to Section 2 If no, fill in the following		
Amount spent on this p	roject in previous years: \$	0
Fund # Agency #	ew01 Water Utility 810516 Booster Station/Water	
There will be no impact	ne impact of this project upon the operating bud on the 2011 operating budget. Once the boos year in operating expenses.	

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No	
No	

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Pump Station 220 - Raymond Road Pump Station project will setup operational flexibility within Pressure Zones 9 and 10. The station will transfer water from Pressure Zone 9 to Pressure Zone 10 and back again through a PRV (Pressure Reducing Valve). This operation will provide the ability to share water supply resources between zones and fully use existing facilities.

Project Title: Lakeview Reservoir-Reconstruction

Agency Name:	Water Utility	Agency Number: 64
Project No:	12	Category: 4

Description:

Construct a two zone water storage reservoir to provide needed additional storage capacity for peak demand and fire flow reserves in Pressure Zones 5 & 6. This facility will also replace an aging elevated water reservoir in Pressure Zone 5. The Public Participation Process will begin in 2011, design in 2011, construction of the reservoir will be completed in 2013, and water main improvements in 2013 and 2014.

	Capital								
Project Budget:	Budget			F	uture	e Year Estimate	es		
	<u>2011</u>		2012	2013		<u>2014</u>		2015	2016
Expenditures:									
Purchased Services	\$ 50,0	00 \$	175,000	\$ 117,000	\$	0	\$	0	\$ 0
Materials & Supplies		0	0	0		0		0	0
Inter-Agency Charges		0	0	0		0		. 0	0
Loans		0	0	0		0		0	0
Professional Fees		0	0	0		0		0	• 0
Land & Land Improve		0	0	0		0		. 0	0
Building & Bldg Improve		0	0	2,547,000		900,000		0	0
Equipment and Vehicles		0	0	0		0		0	0
Other		0	0	 0		0		0	 0
Total Project Costs	<u>\$50,0</u>	<u>00 </u> \$	175,000	\$ 2,664,000	\$	900,000	\$	0	\$ 0
Funding Sources:									
Federal Sources	\$	0\$	0	\$ 0	\$	0	\$	0	\$ 0
State Sources		0	0	0		0		0	0
Impact Fees		0	0	0		0		0	0
Private Contributions		0	0	0		0		0	0
Revenue Bonds	50,0	00	175,000	2,664,000		900,000		0	0
Special Assessments		0	0	0		0		0	0
TIF Cash		0	0	0		0		0	0
Carry-Forward Applied		0	0	0		0		0	0
Reserves Applied		0	0	0		0		0	0
Other		0	0	 0		0		0	0
Total Other Sources	<u>\$ 50,0</u>	<u>00</u> \$	175,000	\$ 2,664,000	\$	900,000	\$	0	\$ 0
General Obligation Debt	\$	0 \$	0	\$ 0	\$	0	\$	0	\$ 0

Project Title:	Lakeview Reservoir-Reconstruction		,
Agency Name: Project No:	Water UtilityAgency N12Ca	umber: tegory:	64 4
Section 1			
Is this the project's first	t year? Yes		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	project in previous years: \$ 0		
Fund # Agency #	ew01 Water Utility 810516 Booster Station/Water the impact of this project upon the operating budget.		
	t on the 2011 operating budget. As this is a replacement of an existing rese	voir, there	should

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Reconstructing the Lakeview Reservoir will replace an aging storage tank and provide needed water storage in Pressure Zone 6 on the north side of the City. This project is justified in the Water Utility Master Plan and would improve fire fighting capacity within the system.

Project Title: Booster Pump Station 114

Agency Name: Project No:	Water Utility 13	Agency Number: 64 Category: 3
Description:		ransfer water from the Main Pressure Zone to Pressure xibility and fully utilize existing Utility facilities. This completed in 2017.

	0	apital	1									
Project Budget:	E	Budget					F	=u	uture Year Estimat	es		
		2011		2012			2013		2014		2015	2016
Expenditures:												
Purchased Services	\$	0	\$		0	\$	0		\$ 0	\$	56,000	\$ 108,000
Materials & Supplies		0		1	0		0		0		0	0
Inter-Agency Charges		0			0		0		0		0	0
Loans		0			0		. 0		0		0	0
Professional Fees		0			0		0		0		0	0
Land & Land Improve		0		1	0		0		0		0	0
Building & Bldg Improve		0		1	0		0		0		0	900,000
Equipment and Vehicles		0		1	0		0		0		0	0
Other		0			0		0		0		0	 0
Total Project Costs	\$	0	\$		0	\$	0		<u>\$0</u>	\$	56,000	\$ 1,008,000
Funding Sources:												
Federal Sources	\$	0	\$		0	\$	0		\$ 0	\$	0	\$ 0
State Sources		0		1	0		0		0		. 0	0
Impact Fees		0		I	0		0		0		0	0
Private Contributions		0			0		0		0		0	0
Revenue Bonds		0			0		0		0		56,000	1,008,000
Special Assessments		0		1	0		0		0		0	0
TIF Cash		0		1	0		0		0		0	0
Carry-Forward Applied		0		-	0		0		0		0	0
Reserves Applied		0		1	0		0		0		0	0
Other		0			0		0		0		0	0
Total Other Sources	\$	0	\$		0	\$	0		<u>\$0</u>	\$	56,000	\$ 1,008,000
General Obligation Debt	\$	0	\$		0	<u>\$</u>	0	-	<u>\$0</u>	\$	0	\$ 0

Project Title:	Booster Pump Station 114		
Agency Name: Project No:	Water Utility 13	Agency Number:64Category:3	
Section 1			
Is this the project's first	year? Yes		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	roject in previous years: \$	0	
Fund # Agency #	ew01 Water Utility 810516 Booster Station/Water		
Section 2 Describe t	ne impact of this project upon the operating b	udget.	
There will be no impact	on the 2011 operating budget. Once the boo year in operating expenses.		

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No	
$\left[\frac{1}{2} \left[\frac{1}{2$	

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Booster Station 114 project will provide the Utility with operational flexibility on the west side. The station will transfer water from Pressure Zone 6 to Pressure Zones 7 and 8 and back again through a PRV (Pressure Reducing Valve). This operation will provide flexibility in source of supply to the west side of the system. It will benefit customers through gained system reliability.

Project Title: North End Supplemental Supply

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Agency Name: Project No:	Water UtilityAgency Nur14Cate	mber: 64 gory: 4
Description:	Construction of a well, reservoir and pump station to provide additional drinking vertice additing vertice additio	• • •

extreme north end of the main pressure zone. The Public Participation Plan is scheduled to begin ir 2012, the drilling of a test well in 2013, the drilling of a production well in 2014, design of the pumphouse and reservoir in 2015, and construction of Unit Well, Reservoir and Pump Station in 2016.

	Capital									
Project Budget:	Budget				F	uture	e Year Estimate	es		
	2011		2012		2013		<u>2014</u>	<u>2015</u>		2016
Expenditures:										
Purchased Services	\$	0	\$ 52,000	\$	0	\$	0	\$ 296,000	\$	222,000
Materials & Supplies		0	0		0		0	0		0
Inter-Agency Charges		0	0		0		0	0		0
Loans		0	0		0		0	0		0
Professional Fees		0	0		• 0		0	0		0
Land & Land Improve		0	0		130,000		658,000	0		3,695,000
Building & Bldg Improve		0	0		0		0	0		0
Equipment and Vehicles		0	0		0		0	0		0
Other		0	0		0		0	0		0
Total Project Costs	\$	0	\$ 52,000	\$	130,000	\$	658,000	\$ 296,000	\$	3,917,000
Funding Sources:					4 <u>-</u>					
Federal Sources	\$	0	\$0	\$	0	\$	0	\$0	\$	0
State Sources		0	0		0		0	0		0
Impact Fees		0	. 0		0		0	0		0
Private Contributions		0	0		0		0	0		0
Revenue Bonds		0	52,000		130,000		658,000	296,000		3,917,000
Special Assessments		0	0		0		0	0		0
TIF Cash		0	0		0		0	0		0
Carry-Forward Applied		0	0		0		. 0	0		0
Reserves Applied		0	0		0		0	0		0
Other		0	0		0		0	0		0
Total Other Sources	\$	0	\$ 52,000	<u>\$</u>	130,000	\$	658,000	\$ 296,000	\$	3,917,000
General Obligation Debt	\$	0	<u>\$0</u>	\$	0	\$	0	<u>\$0</u>	<u>\$</u>	0

Project Title: North End Supplemental Supply

Agency Name: Project No: Water Utility

Agency Number: 64 Category: 4

Section 1

No

Is this the project's first year? Yes

14

If yes, skip to Section 2 If no, fill in the following:

Amount spent on this project in previous years:

Fund #	ew01 Water Utility
Agency #	810517 New Wells/Water

Section 2 Describe the impact of this project upon the operating budget.

There will be no impact on the operating budget until this well is placed into service in 2016. At that time we could see an increase in power, chemicals, and maintenance costs of approximately \$120,000.

\$

0

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The North End Supplemental Water Suppy - Hoepker Rd project will provide additional water supply capacity to the north end of Zone 6. This well was identified in the Water Utility Master Plan to address system supply issues projected in the future.

Project Title: Security Upgrades

Water Utility

15

Agency Name: Project No: Agency Number: 64 Category: 4

Description:

Miscellaneous projects to improve security and monitoring of the Utility's remote facilities. These projects would include but not necessarily be limited to: video camera surveillance, improved doors, improved hatches, fencing, alarm systems, and other online monitoring devices.

		Capital]									
Project Budget:	Budget		Future Year Estimates									
		<u>2011</u>		<u>2012</u>		2013		<u>2014</u>		2015		2016
Expenditures:												
Purchased Services	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
Materials & Supplies		191,000		199,000		207,000		215,000		224,000		233,000
Inter-Agency Charges		0		0		0		0		0		0
Loans		0		0		0		0		0		0
Professional Fees		0		. 0		0		0		0		0
Land & Land Improve		0		0		0		0		0		0
Building & Bldg Improve		0		0		0		0		0		0
Equipment and Vehicles		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Project Costs	\$	191,000	\$	199,000	\$	207,000	\$	215,000	\$	224,000	\$	233,000
Funding Sources:												
Federal Sources	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
State Sources		0		0		0		0		0		0
Impact Fees		0		0		0		0		0		0
Private Contributions		0		0		0		0		0		0
Revenue Bonds		191,000		199,000		207,000		215,000		224,000		233,000
Special Assessments		0		0		0		0		0		0
TIF Cash		0		0		0		0		0		0
Carry-Forward Applied		0		0		0		0		0		0
Reserves Applied		0		0		0		0		0		0
Other		0		0		0		0		0		0
Total Other Sources	\$	191,000	\$	199,000	\$	207,000	\$	215,000	\$	224,000	\$	233,000
General Obligation Debt	\$	0	\$	0	\$	0	<u>\$</u>	0	\$	0	<u>\$</u>	0

Project Title:	Security Upgrades		
Agency Name: Project No:	Water Utility 15	Agency Number: Category:	64 4
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	roject in previous years: ongoing		
Fund # Agency #	ew01 Water Utility 810458 Misc Water Utility Capital		
	ne impact of this project upon the operating budget.		4.7414. ⁷⁷ 1.4.1.1.4
Anticipated improveme	nt in efficiency and operation that has the potential to reduce co	STS.	
	에 가지 않는 것이 있는 것이 가지 않는 것이 것이 있다. 이것은 정말 관계에 있는 것이 가지 않는 것이 가지 않는 것이 있다. 것이 있는 것이 있는 것이 있는 것이 가지 않는 것이 가지 않는 것이 같은 것이 같은 것이 같은 것이 있는 것이 같은 것은 것이 있다. 것은 것이 있는 것이 있는 것이 있는 것이 있는 것이 같은 것이 같은 것이 같은 것이 있다. 것이 있는 것이 있는 것이 있는 것이 있 같은 것이 같은 것이 같은 것이 있는 것이 있다. 것은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 것이 있는 것이 같은 것이 있는 것이 같은 것이 있는 것이 있는 것이 있는 것이 있는 것 같은 것이 같은 것이 같은 것이 있다. 것은 것이 있는 것이 같은 것이 있는 것이 있는 것이 있다. 것이 있는 것이 있는 것이 있는 것이 같은 것이 있다. 것이 있는 것이 같은 것이 있는 것이 있는 것이 없다. 것이 있는 것이 있는 것이 없다. 것이 있는 것이 있는 것이 있는 것이 없다. 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 것이 있는 것이 있다. 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 것이 있는 것이 있는 것이 없는 것이 없는 것이 있는 것이 없다. 것이 있는 것이 없는 것이 있는 것이 없는 것이 있는 것이 없다. 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 없다. 것이 있는 것이 없는 것이 없는 것이 없다. 것이 있는 것이 없다. 것이 있는 것이 없다.		

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Maintaining the safety and security of the water system is vital to the mission of the Utility. It is critical to have the ability to monitor and secure all of our remote facilities.

Project Title: System Wide Miscellaneous Projects

Agency Name:	Water Utility	Agency Number: 64
Project No:	16	Category: 4
Description:	Miscellaneous projects to repair and improve Utility facilities. necessarily be limited to lighting projects, roofing, painting, and remote sites and to the administration and operations centers.	d other upgrades to the Utility's 32

	Capital	7							
Project Budget:	Budget			F	uture	e Year Estimat	es		
	2011		2012	2013		<u>2014</u>		2015	2016
Expenditures:									
Purchased Services	\$ 55,000) \$	61,000	\$ 67,000	\$	74,000	\$	81,000	\$ 89,000
Materials & Supplies	232,600)	248,300	265,200		221,300		237,600	275,100
Inter-Agency Charges	()	0	0		0		. 0	0
Loans	· ()	0	0		0		0	0
Professional Fees	()	0	0		0		0	0
Land & Land Improve	()	0	0		0		0	0
Building & Bldg Improve	()	0	0		0		0	0
Equipment and Vehicles	() '	0	0		0		0	0
Other		<u>)</u>	0	 0		0		0	 0
Total Project Costs	\$ 287,600	<u>) </u>	309,300	\$ 332,200	\$	295,300	\$	318,600	\$ 364,100
Funding Sources:									
Federal Sources	\$ () \$	0	\$ 0	\$	0	\$	0	\$ 0
State Sources	()	0	0		0		0	0
Impact Fees	()	0	0		0		0	0
Private Contributions	()	0	0		0		0	0
Revenue Bonds	287,600)	309,300	332,200		295,300		318,600	364,100
Special Assessments	()	0	0		0		0	0
TIF Cash)	0	0		0		0	0
Carry-Forward Applied	()	0	0		0		0	0
Reserves Applied	()	0	0		0		0	0
Other	()	0	0		0		0	0
Total Other Sources	\$ 287,600	<u>\$</u>	309,300	\$ 332,200	\$	295,300	\$	318,600	\$ 364,100
General Obligation Debt	<u>\$(</u>	<u>)</u> <u>\$</u>	0	\$ 0	<u>\$</u>	0	<u>\$</u>	0	\$ 0

Project Title:	System Wide Miscellaneous Projects		
Agency Name: Project No:	Water Utility 16	Agency Number: Category:	64 4
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	roject in previous years: ongoing		
Fund # Agency #	ew01 Water Utility 810458 Misc Water Utility Capital		
	ne impact of this project upon the operating budget.	 Herebysen, and "super" entries of the Dollars. A 	
Anticipated improveme	nt in efficiency and operation that has the potential to reduce cos	sts.	

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No		
		an an taon 1990. Na kaominina dia mampina dia mampina dia mampina dia mampina dia mampina dia mampina dia mampi Mangana dia mampina dia mam

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? Routine maintenance and improvement projects are required to sustain the facilities for the long term.

Project Title: Paterson Street Building Remodel

Agency Name:	Water Utility	Agency Number: 64
Project No:	17	Category: 1&2
Description:		perations center at 110 S Paterson Street, including the aintenance facility. This project is scheduled to begin a service in early 2015.

	Capital]								
Project Budget:	Budget				 F	uture	e Year Estimate	es			
	<u>2011</u>			2012	2013		2014		<u>2015</u>		2016
Expenditures:											
Purchased Services	\$	0	\$	35,000	\$ 467,000	\$	231,000	\$	0	\$	0
Materials & Supplies		0		0	0		0		300,000		0
Inter-Agency Charges		0		0	0		0		0		0
Loans		0		0	0		0		0		0
Professional Fees		0		0	0		0		0		0
Land & Land Improve		0		0	0		0		0		0
Building & Bldg Improve		0		0	1,139,000		3,849,000		0		0
Equipment and Vehicles		0		0	0		0		0		0
Other		0		0	 0		0		0		0
Total Project Costs	\$	0	\$	35,000	\$ 1,606,000	\$	4,080,000	\$	300,000	<u>\$</u>	0
Funding Sources:											
Federal Sources	\$	0	\$	0	\$ 0	\$	0	\$	0	\$	0
State Sources		0		0	0		0		0		0
Impact Fees		0		0	0		0		0		0
Private Contributions		0		0	0		0		0		0
Revenue Bonds		0		35,000	1,606,000		4,080,000		300,000		0
Special Assessments		0		0	0		0		0		0
TIF Cash		0		0	0		0		0		0
Carry-Forward Applied		0		0	0		0		0		0
Reserves Applied		0		0	0		0		0		0
Other		0		0	 0		0	_	0		0
Total Other Sources	\$	0	\$	35,000	\$ 1,606,000	\$	4,080,000	\$	300,000	<u>\$</u>	0
General Obligation Debt	\$	0	\$	0	\$ 0	<u>\$</u>	0	\$	0	<u>\$</u>	0

Project Title:	Paterson Street Building Remodel			
Agency Name: Project No:	Water Utility 17		Agency Number: Category:	64 1&2
Section 1				
Is this the project's first	year? Yes			
If yes, skip to Section 2 If no, fill in the following				
Amount spent on this p	project in previous years: \$	0		
Fund # Agency #	ew01 Water Utility No Specified Agency			
Slight increase due to I New HVAC may have		ng budget.		
Please qu	project impact any results tracked by Ma antify the potential impacts to the extent		which measure(s)?	
No				

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Utility's fleet maintenance facility has served its useful life. The repair bays do not provide a safe working environment for employees and large trucks can not be easily handled with the low ceiling height. This facility is in need of major renovation to bring it up to current code and to increase its functionality to the Utility for efficiency and safety purposes.

Project Title: Advanced Metering Infrastructure

Agency Name: Project No:	Water Utility 18	Agency Number: 64 Category: 4
Description:	Retrofit all existing water meters with a device that network system.	will allow us to collect meter readings via a fixed

		Capital]										
Project Budget:		Budget				F	utur	e Year Estimate	es				
		2011		<u>2012</u>		2013		2014		2015		2016	
Expenditures:													
Purchased Services	\$	0	\$	0	\$	0	\$	0	\$	0	\$		0
Materials & Supplies		5,829,000		6,124,000		0		0		0			0
Inter-Agency Charges		0		0		0		0		0			0
Loans		0		0		0		0		0			0
Professional Fees		0		0		0		0		0			0
Land & Land Improve		0		0		0		0		0			0
Building & Bldg Improve		0		0		0		0		0			0
Equipment and Vehicles		0		0		0		0		0			0
Other		0		0		0		0		0			0
Total Project Costs	\$	5,829,000	\$	6,124,000	\$	0	<u>\$</u>	0	\$	0	\$		0
Funding Sources:													
Federal Sources	\$	0	\$	0	\$	0	\$	0	\$	0	\$		0
State Sources		0		0		0		0		0			0
Impact Fees		0		0		0		0		0			0
Private Contributions		0		0		0		0		0			0
Revenue Bonds		5,829,000		6,124,000		0		0		0			0
Special Assessments		0		0		0		0		0			0
TIF Cash		0		0		0		0		0			0
Carry-Forward Applied		0		0		0		0		0			0
Reserves Applied		0		0		0		0		0			0
Other	Martin	0		0		0		0		0			0
Total Other Sources	\$	5,829,000	<u>\$</u>	6,124,000	<u>\$</u>	0	\$	0	<u>\$</u>	0	<u>\$</u>		0
General Obligation Debt	\$, 0	\$	0	\$	0	\$	0	\$	0	\$		0

Project Title:	Advanced Metering Infrastructure		
Agency Name: Project No:	Water Utility 18	Agency Number: Category:	64 4
Section 1			
Is this the project's first	year? No		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	project in previous years: \$ 230,000		
Fund # Agency #	ew01 Water Utility 810664 Automated Metering System		
Reduction of meter rea	e to more frequent billing. Ind mailing costs s		
Section 3 Does this p	project impact any results tracked by Madison Measures? If so	, which measure(s)?	

Please quantify the potential impacts to the extent possible.

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget?

The project would provide the Utility with the following benefits:

The ability to do monthly billing.

The ability to implement a water conservation (inclining block) rate structure and receive PSCW approval of such. Production of our current pulse style meter may stop - we are currently sole sourced in our meter purchases.

Booster Station 106 - Rebuild	
Water Utility	Agency Number: 64
19	Category: 4
Replace the 80 year old booster pump station at Glenway. Pressure Zone 6 to Pressure Zone 7 and provides a neces corner of Pressure Zone 7.	
	Water Utility 19 Replace the 80 year old booster pump station at Glenway. Pressure Zone 6 to Pressure Zone 7 and provides a neces

	Capital										
Project Budget:	Budget				F	uture	e Year Estimate	es			
	2011		<u>2012</u>		2013		<u>2014</u>		2015		2016
Expenditures:											
Purchased Services	\$ 50,00	00 \$	120,000	\$	72,000	\$	0	\$	0	\$	0
Materials & Supplies		0	0		0		0		0		0
Inter-Agency Charges		0	0		0		0		0		0
Loans		0	0		0		0		0		0
Professional Fees		0	0		0		0		0		0
Land & Land Improve		0	0		0		0		0		0
Building & Bldg Improve		0	0		1,700,000		0		1,000,000		0 .
Equipment and Vehicles		0	0		0		0		0		0
Other		0	0		0		0		0		0
Total Project Costs	\$ 50,00	00 \$	120,000	<u>\$</u>	1,772,000	\$	0	\$	1,000,000	<u>\$</u>	0
Funding Sources:											
Federal Sources	\$	0\$	0	\$	0	\$	0	\$	0	\$	0
State Sources		0	0		0		0		0		0
Impact Fees		0	0		0		0		0		0
Private Contributions		0	· 0		0		0		0		0
Revenue Bonds	50,0	00	120,000		1,772,000		0		1,000,000		0
Special Assessments		0	0		0		0		0		0
TIF Cash		0	0		0		0		0		0
Carry-Forward Applied		0	0		0		0		0		0
Reserves Applied		0	0		0		0		0		0
Other		0	0		0		0		0		0
Total Other Sources	\$ 50,00	<u>00 </u> \$	120,000	\$	1,772,000	\$	0	\$	1,000,000	\$	0
General Obligation Debt	\$	0 \$	0	\$	0	\$	0	\$	0	\$	0

Project Title:	Booster Station 106 - Rebuild		
Agency Name: Project No:	Water Utility 19	Agency Number: Category:	64 4
Section 1			
Is this the project's first	tyear? Yes		
If yes, skip to Section 2 If no, fill in the following			
Amount spent on this p	project in previous years: \$ 0		
Fund # Agency #	ew01 Water Utility 810516 Booster Station/Water		
	he impact of this project upon the operating budget.		
None, this is a replacer	ment project. Operation costs may go down due to improved equ	ipment efficiencies.	

Section 3 Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No			
			a di seria d Seria di seria di seri Seria di seria di seri

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? The Rebuilt Booster Pump Station #106 project is necessary to bring the pump station up to current safety standards and codes and to improve reliability of operation to the station. This facility allow the Utility to transfer water from Pressure Zone 6 to Pressure Zone 7.

Project Title: Zone 11- Blackhawk Elevated Storage

Agency Name: Project No:	Water Utility 20	Agency Number: 64 Category: 3
Description:		e reservoir on the far west side of the service area to tion to Pressure Zone 11. This project is projected to

		Capital]									
Project Budget:		Budget					F	uture	e Year Estimate	es			
		2011			2012		2013		2014		2015		<u>2016</u>
Expenditures:													
Purchased Services	\$		0	\$	0	\$	0	\$	55,000	\$	164,200	\$	123,200
Materials & Supplies			0		0		0		0		0		0
Inter-Agency Charges			0		0		0		0		0		0
Loans			0		0		0		0		0		0
Professional Fees			0		0		0		0		0		0
Land & Land Improve			0		0		0		0		0		0
Building & Bldg Improve			0		0		0		0		0		2,253,000
Equipment and Vehicles			0		0		0		0		0		0
Other			0		0		0	-	0		0		0
Total Project Costs	\$		0	<u>\$</u>	0	\$	0	\$	55,000	<u>\$</u>	164,200	<u>\$</u>	2,376,200
Funding Sources:													
Federal Sources	\$		0	\$	0	\$	0	\$	0	\$	0	\$	0
State Sources			0		0		0		0		0		0
Impact Fees			0		0		0		0		0		0
Private Contributions			0		0		0		0		0		0
Revenue Bonds			0		0		0		55,000		164,200		2,376,200
Special Assessments			0		0		0		0		0		0
TIF Cash			0		0		0		0		0		0
Carry-Forward Applied			0		0		0		0		0		0
Reserves Applied			0		0		0		0		0		0
Other			0		0		0		0		0		0
Total Other Sources	<u>\$</u>		0	\$	0	\$	0	<u>\$</u>	55,000	\$	164,200	\$	2,376,200
General Obligation Debt	<u>\$</u>		0	\$	0	<u>\$</u>	0	\$	0	\$	· 0	\$	0

Project Title: Zone 11- Blackhawk Elevated Storage

Water Utility

20

Agency Name: Project No: Agency Number: 64 Category: 3

Section 1

Is this the project's first year?

Yes

If yes, skip to Section 2 If no, fill in the following:

Amount spent on this project in previous years:

Fund #	ew01 Water Utility
Agency #	810516 Booster Station/Water

Section 2 Describe the impact of this project upon the operating budget.

There will be no impact on the 2011 operating budget. Once the reservoir is in operation we anticipate an additional \$10,000 per year in operating expenses.

\$

0

<u>Section 3</u> Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.

No			

<u>Section 4</u> Justification. Why is this project important? What is the impact of not including it in the Budget? The Blackhawk Elevated Reservoir project will provide the planned water storage capacity to Pressure Zone 11 and upgrade the service from pumped to gravity. This project will provide reliable service and minimum fire flow Pressure Zone 11. This project is identified in the Master Plan.

Project Title:	BALL DO LONG	04-41-10 (DD)	V/Facility Projects
Project Little	Nusc Plimn	Station/PRV	V/Facility Projects
		olution/11/	

Agency Name:	Water Utility	Agency Number:	64
Project No:	21	Category:	3&4
Decembrations			

Description:

Various pump station, pressure reducing valve (PVR) stations, and well improvement and upgrade projects recommended by the Water Utility Master Plan. 2011 projects include upgrading the Booster Pumps at Unit Well #20, Installing a Pressure Reducing Valve (PRV) Station on Vondron Rd, repair/restore/replace the water tower on Prairie Rd that was damaged by fire in 2010 and installing a generator at Unit Well #26.

	Capital	7							
Project Budget:	Budget			F	uture	e Year Estimate	es		 •
	2011		<u>2012</u>	2013		2014		2015	2016
Expenditures:									
Purchased Services	\$ 196,200	\$	111,000	\$ 42,000	\$	50,200	\$	309,000	\$ 318,100
Materials & Supplies	635,000		175,000	350,000		418,000		436,000	405,000
Inter-Agency Charges	0		0	0		0		0	0
Loans	0		0	0		0		0	0
Professional Fees	0		0	0		0		0	0
Land & Land Improve	0		0	0		0		. 0	0
Building & Bldg Improve	1,000,000		750,000	0		0		2,139,000	2,246,000
Equipment and Vehicles	0		0	0		0		0	0
Other	0		0	 0		0		0	 0
Total Project Costs	\$ 1,831,200	\$	1,036,000	\$ 392,000	\$	468,200	\$	2,884,000	\$ 2,969,100
Funding Sources:									
Federal Sources	\$0	\$	0	\$ 0	\$	0	\$	0	\$ 0
State Sources	0	•	0	0		0		0	0
Impact Fees	0		0	0		0		0	0
Private Contributions	· 0		0	0		0		0	0
Revenue Bonds	1,331,200		1,036,000	392,000		468,200		2,884,000	2,969,100
Special Assessments	0		0	0		0		0	0
TIF Cash	0		0	0		0		0	0
Carry-Forward Applied	0		0	0		0		0	0
Reserves Applied	0		0	0		0		0	0
Other	500,000		0	 0		0		0	 0
Total Other Sources	\$ 1,831,200	\$	1,036,000	\$ 392,000	\$	468,200	\$	2,884,000	\$ 2,969,100
General Obligation Debt	<u>\$</u> 0	\$	0	\$ 0	\$	0	\$	0	\$ 0

Project Title:	Misc Pump Station/PRV/Facility	/ Projects		
Agency Name: Project No:	Water Utility 21		Agency Number: Category:	64 3&4
Section 1				
Is this the project's fire	st year? No			
If yes, skip to Section If no, fill in the followir				
Amount spent on this	project in previous years:	ongoing		
Fund # Agency #	ew01 Water Utility 810458 Misc Water Utility Capital			
	the impact of this project upon the c ent in efficiency and operation that h		osts.	
		Madian Maaaaa Olfaa	· · · · · · · · · · · · · · · · · · ·	

Section 3	Does this project impact any results tracked by Madison Measures? If so, which measure(s)? Please quantify the potential impacts to the extent possible.											
No												

Section 4 Justification. Why is this project important? What is the impact of not including it in the Budget? All of the recommended projects will improve system reliability, redundancy, and efficiency. This will maintain or improve the level of service to Utility customers and provide necessary emergency supply and fire fighting capability.