

Quality and Reliability since 1982

**Madison  
Water  
Utility**



# General Manager's Report to the Water Utility Board May 2010

## STAKEHOLDER UNDERSTANDING AND SUPPORT

*Engender understanding and support from oversight bodies, community and watershed interests, and regulatory bodies for service levels, rate structures, operating budgets, capital improvement programs, and risk management decisions. Actively involve stakeholders in the decisions that will affect them.*

- On May 4, Wisconsin State Journal reporter Ron Seely interviewed Tom Heikkinen about several issues including the public participation plan implementation and conservation.
- Our second annual Water Utility open house was held on Saturday, May 8 to coincide with national Drinking Water Week. In addition to Pertzborn Plumbing and EnAct environmental group, we had participation from other city agencies including the Fire Department, City Engineering, City Parks, Streets & Recycling (George Dreckmann), and Public Health of Madison and Dane County. Three board members attended. We had a good turnout from the public and great volunteering from staff. Tours led by staff were particularly popular.
- Ken Key gave a presentation to the tour groups for the Water Utility Open House. There was considerable interest in the AMI project as well as the Toilet Rebate Program.
- Gail Gawenda and I met with City IT regarding setting up a Water Utility Facebook page. Sarah Edgerton is establishing guidelines and controls for such City agency pages.

## WATER QUALITY

*Produce high quality drinking water in full compliance with regulatory requirements and consistent with customer expectations and public health needs.*

- Brian Scott is completing his Master's Thesis this spring and will make a presentation to the Board in May. The Thesis is building on previous work in an attempt to refine the UDF scheduling and minimize customer complaints.
- The 2010 flushing program started the week of April 12th. April totals:
  - Unidirectional Flushing: 242 Runs; 57.7 miles of main flushed; 211 hydrants flushed; 8.44 million gallons used
  - Conventional Flushing: 49 Hydrants flushed; 55 miles; 1.47 million gallons used

## Water Quality Monitoring Report

Analyte Group	Sample Locations	Monitoring Requirements (# of Samples)		Monitoring Activity (# of samples)		Violations & Public Notices
		Monitoring Period	2010 Annual Requirement	Current Month	Year to Date 2010	Year to Date
<b>Daily/Routine Samples</b>						
Coliform Bacteria	Operating Wells and Distribution Sites	150	1800	378	1457	0
Free Chlorine Residual "Grab" Samples	Operating Wells and Distribution Sites	160 <sup>1</sup>	1900 <sup>1</sup>	1026	4019	0
Fluoride	Operating Wells	450 <sup>1</sup>	5400 <sup>1</sup>	417	1593	0
<b>Quarterly Samples</b>						
Volatile Organic Compounds (41 analytes)	Wells	5 <sup>1</sup>	20 <sup>1</sup>	4	9	0
Coliform Bacteria (Raw Water)	Wells	22 <sup>1</sup>	82 <sup>1</sup>	15	32	0
<b>Annual Samples</b>						
Inorganic Contaminants <sup>2</sup> (28 analytes)	Wells	22	22	0	0	0
Volatile Organic Compounds (41 analytes)	Wells	11	11	3	3	0
Disinfection Byproducts - Total Trihalomethanes & Haloacetic Acids	Distribution Sites	7	7	0	0	0
<b>Specialty Samples</b>						
Iron & Manganese	Wells	na	na	14	36	na
	Residential Taps	na	na	0	0	na

(1) Sampling requirement will vary depending on the number of wells in operation during specific days or quarters

(2) Sampling is usually completed June to September in each calendar year, with results reported in the month following sampling.

## Calls Logged to the Water Quality Correspondence Database

Year	Month	All Calls	Color	Manganese	Taste	Odor	Pressure	No Water	Inquiry	Other
2010	January	61	33	0	1	3	5	1	10	13
2010	February	77	49	1	1	4	3	1	10	10
2010	March	57	26	0	4	4	1	2	9	13
2010	April	83	45	1	4	4	9	1	8	18
2010	May									
2010	June									
2010	July									
2010	August									
2010	September									
2010	October									
2010	November									
2010	December									
<b>2010</b>	<b>TOTAL</b>	<b>278</b>	<b>153</b>	<b>2</b>	<b>10</b>	<b>15</b>	<b>18</b>	<b>5</b>	<b>37</b>	<b>54</b>

Year	Month	All Calls	Color	Manganese	Taste	Odor	Pressure	No Water	Other	Alder District
2010	April	15	12	1	0	1	2	0	2	02
2010	April	2	1	0	0	0	0	0	1	03
2010	April	6	5	0	0	0	3	0	1	04
2010	April	1	0	0	0	0	0	0	1	05
2010	April	9	6	0	0	0	0	1	2	06
2010	April	2	1	0	0	0	0	0	1	07
2010	April	3	1	0	0	0	1	0	1	09
2010	April	3	2	0	0	0	0	0	1	10
2010	April	2	0	0	0	0	0	0	2	11
2010	April	8	8	0	0	0	0	0	0	12
2010	April	4	3	0	0	0	0	0	1	13
2010	April	3	1	0	0	1	0	0	1	14
2010	April	2	1	0	0	1	0	0	0	15
2010	April	6	1	0	1	0	1	0	3	16
2010	April	3	0	0	1	0	0	0	2	17
2010	April	4	1	0	0	1	1	0	1	18
2010	April	3	0	0	1	0	1	0	1	19
2010	April	1	0	0	0	0	0	0	1	20
2010	April	6	2	0	1	0	0	0	4	None

## **EMPLOYEE AND LEADERSHIP DEVELOPMENT**

*Recruit and retain a workforce that is competent, motivated, adaptive, and safe-working. Establish a participatory, collaborative organization dedicated to continual learning and improvement. Ensure employee institutional knowledge is retained and improved upon over time. Provide a focus on and emphasize opportunities for professional and leadership development and strive to create an integrated and well-coordinated senior leadership team.*

### Training and Conferences

- Several employees will be attending the AWWA National Conference in Chicago.

### Employee Recognition

- Please see the attached letters complimenting our employees.

### Employee Events

- May 26/27            All employee meetings
- June 1                Labor/Mgmt Meeting
- June 8/22            Steering Team Meetings
- June 10              Employee Potluck
- July 24, 2010        Water Utility Picnic- Save the Date!

## Staffing Report

Work Area	Position	Held By	Comments
Management			
Finance	Water Utility Account/ Computer Specialist (20-16)	Vacant	Vacancy due to Debra Trittin's retirement on 5/7/2010. Certification Hiring Request was submitted to HRD on 4/27/10.
	Administrative Clerk 2 (20-11)	Vacant	Vacancy due to Janet Czerwonka's retirement 5/7/10. Certification Hiring Request was submitted to HRD on 5/12/10.
Water Quality			
Water Supply			
Engineering	Construction Inspection 1—Hourly (16-00)	Vacant	Certification Hiring Request was submitted to HRD on 4/6/10.
	Engineer 3 (18-10)	Vacant	Application process has closed. Ninety-nine applications were received.
	Engineer 4 (18-12)	Vacant	Certification Hiring Request was submitted to HRD on 4/9/10.
Customer Service	Water Meter Mechanic 2 (16-11)	Vacant	Vacancy due to Mr. Ertel's promotion to position of Water Services Inspector. Position will be held open.
Operations	Laborer – Hourly (16-00)	Vacant	Certification Hiring Request for two positions was submitted to HRD on 4/2/10.
Maintenance	Maintenance Worker (16-11)	Vacant	This position is currently vacant.

### Summary of Permanent Positions

Budgeted positions for 2010 (1/1/2010):	125
Positions Vacant as of April, 2010:	6
Positions in various stages of recruitment:	4
Positions being filled by employees in Acting status	0
Employees on Extended Absences	1
Employees hired, not yet working	0
Employees Absent Without Pay Status	1
Net Effective Employees	117

### Summary of Hourly/Seasonal Positions

Work Area	Full Time Employees	Part Time Employees
Customer Service		1
Finance/Accounting		1
Water Quality		1

## CUSTOMER SATISFACTION

*Provide reliable, responsive, and affordable services in line with explicit, customer-accepted service levels. Receive timely customer feedback to maintain responsiveness to customer needs and emergencies.*

## FINANCIAL VIABILITY

*Understand the full life-cycle cost of the utility and establish and maintain an effective balance between long-term debt, asset values, operations and maintenance expenditures, and operating revenues. Establish predictable rates—consistent with community expectations and acceptability—adequate to recover costs, provide for reserves, maintain support from bond rating agencies, and plan and invest for future needs.*

### Fund Balance Report

	<u>Balance February 28</u>	<u>Balance March 31</u>
Reserves required by Bond Ordinance		
Operation and Maintenance Fund		
Reserve Account (Maximum \$150,000)	\$ 150,000.00	\$ 150,000.00
Special Redemption Fund		
Interest and Principal Account	\$ 1,188,310.46	\$ 1,780,110.46
Reserve Account (Maximum \$5,922,710.46)	\$ 5,950,000.00	\$ 5,950,000.00
Depreciation Fund <sup>(1)</sup> (\$750,000 required by Bond Ordinance)	\$ 750,000.00	\$ 750,000.00
Construction Fund	\$ 4,701,086.00	\$ 4,478,685.00
Assessment Revolving Fund	\$ 48,499.01	\$ 48,499.01
Unrestricted Funds		
PILOT Fund	\$ 600,000.00	\$ 900,000.00
Cash Flow Fund	\$ -333,523.52	\$ -1,007,531.79
Unrestricted Reserve Fund	\$ 11,195.25	\$ 0.00
Checking Account	\$ 565,400.12	\$ 182,734.66
Debt to City of Madison		
Short Term Loan from City	\$ 7,650,000.00	\$ 7,650,000.00

Reporting special fund balances as specified in 1978 Waterworks Bond Ordinance.

<sup>(1)</sup>Transfer of funds to Construction Fund approved as needed.

## City Advance or Short-Term Loan Repayment Schedule

<u>Date</u>	<u>Principal Payment*</u>	<u>Interest Payment**</u>	<u>Total Payment</u>
December 31, 2010	765,000	170,514	935,514
December 31, 2011	765,000	170,433	935,433
December 31, 2012	765,000	181,572	946,572
December 31, 2013	765,000	178,277	943,277
December 31, 2014	765,000	162,998	927,998
December 31, 2015	765,000	146,125	911,125
December 31, 2016	765,000	124,574	889,574
December 31, 2017	765,000	99,759	864,759
December 31, 2018	765,000	69,636	834,636
December 31, 2019	765,000	36,280	801,280
Totals	7,650,000	1,340,168	8,990,168

\* The above is an estimate for principal repayment; the utility will repay as much as it can depending on its year-end cash position.

\*\* The above is an estimate for interest payment - the utility will pay interest at the actual interest rates- Interest here was estimated between 2% and 5% from 2010 through 2019.

## OPERATIONAL OPTIMIZATION

*Ensure ongoing, timely, cost-effective, reliable, and sustainable performance improvements in all facets of its operations. Minimize resource use, loss, and impacts from day-to-day operations. Maintain awareness of information and operational technology developments to anticipate and support timely adoption of improvements.*

- The contract with Clark Dietz has been finalized and the Advanced Metering Infrastructure (AMI) project is underway. A presentation has been given to the management team and the Steering Team. The Steering Team has formed a Design Team for the project, and Clark Dietz has sent a project questionnaire to the management team.

### East Side Zone 6 to Zone 3 Conversion

- Installation contractor has completed demolition of the old equipment and has started on installation.
- A public meeting to explain the pressure conversion for the area was held Thursday April 22<sup>nd</sup>.

### Status of Seasonal Wells

- UW #6: In service as of April 12
- UW #8: Out of Service
- UW #10: Out of service
- UW #17: Out of Service
- UW #23: In service as of April 2
- UW #27: In service as of May 12
- UW #28: In service as of May 3



2010 Unit Well Pumpage by Month

Unit	Jan	Feb	Mar	Apr	May *	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
6	0	0	0	48,220	15,760								63980
7	24,587	46,552	8,982	11,818	6,435								98,374
8	0	0	0	0	0								0
9	37,550	33,150	38,480	40,010	14,290								163,480
10	0	0	0	0	0								0
11	51,840	30,330	37,760	34,674	12,310								166,914
12	26,450	30,879	31,070	42,340	20,240								150,979
13	50,140	25948	65,770	65,210	23,070								230,138
14	71,050	63,500	71,580	68,240	25,740								300,110
15	51,140	60,650	73,920	69,280	27,710								282,700
16	40,700	36,370	46,490	44,100	13,600								181,260
17	0	0	0	0	0								0
18	45,180	43,640	41,820	46,420	18,250								195,310
19	60,420	64,420	87,830	56,250	22,590								291,510
20	46,150	39,460	41,450	32,360	9,910								169,330
23	0	0	0	27,371	10,681								38052
24	50,460	46,060	47,160	41,350	14,410								199,440
25	38,410	37,160	40,848	4,890	0								121,308
26	87,210	76,370	75,490	73,470	17,522								330,062
27	0	0	0	0	0								0
28	0	0	0	0	16,370								16370
29	51,690	47,740	52,600	51,430	18,690								222,150
30	56,400	50,200	55,870	55,040	20,110								237,620
<b>Total</b>	<b>789,377</b>	<b>732,429</b>	<b>817,120</b>	<b>812,473</b>	<b>307,688</b>								<b>3,459,087</b>

\* As of May 11, 2010

30 +/- Pumpage Report (1,000 gallons)

Date	Daily Pumpage	Year to Date	Average for Year	Temperature			Precipitation			Last Year To Date	Percent Difference	5 Year Avg Percent Difference	10 Year Avg Percent Difference
				High	Low	Avg	Day	Month	Year				
4/19	26,418	2,838,054	26,037	61	32	47	0.0	2.3	4.9	3,024,942	-6.2%	-8.4%	-10.5%
4/20	32,197	2,870,251	26,093	66	35	51	0.0	2.3	4.9	3,052,302	-6.0%	-8.3%	-10.3%
4/21	30,422	2,900,673	26,132	64	37	51	0.0	2.3	4.9	3,080,872	-5.8%	-8.2%	-10.2%
4/22	27,514	2,928,187	26,145	64	32	48	0.0	2.3	4.9	3,106,436	-5.7%	-8.2%	-10.2%
4/23	29,855	2,958,042	26,177	65	35	50	0.0	2.3	4.9	3,137,991	-5.7%	-8.1%	-10.1%
4/24	27,764	2,985,806	26,191	54	48	51	0.3	2.6	5.2	3,167,894	-5.7%	-8.1%	-10.1%
4/25	25,311	3,011,117	26,184	51	47	49	0.6	3.2	5.8	3,193,217	-5.7%	-8.1%	-10.2%
4/26	24,702	3,035,819	26,171	64	40	52	0.0	3.2	5.8	3,216,516	-5.6%	-8.2%	-10.3%
4/27	29,543	3,065,362	26,200	57	36	47	0.0	3.2	5.8	3,247,828	-5.6%	-8.1%	-10.2%
4/28	29,999	3,095,361	26,232	61	31	46	0.0	3.2	5.8	3,277,699	-5.6%	-8.0%	-10.2%
4/29	27,469	3,122,830	26,242	77	50	64	0.0	3.2	5.8	3,301,783	-5.4%	-8.0%	-10.2%
4/30	28,569	3,151,399	26,262	75	60	68	0.5	3.7	6.3	3,328,448	-5.3%	-7.9%	-10.2%
5/1	32,894	3,184,293	26,316	70	55	63	0.0	0.0	6.3	3,357,353	-5.2%	-7.8%	-10.0%
5/2	27,187	3,211,480	26,324	71	54	63	0.0	0.0	6.3	3,388,283	-5.2%	-7.8%	-10.1%
5/3	27,964	3,239,444	26,337	66	50	58	0.0	0.0	6.3	3,414,893	-5.1%	-7.8%	-10.1%
5/4	27,677	3,267,121	26,348	80	45	63	0.0	0.0	6.3	3,437,316	-5.0%	-7.8%	-10.1%
5/5	30,699	3,297,820	26,383	67	51	59	0.1	0.1	6.3	3,469,661	-5.0%	-7.8%	-10.1%
5/6	26,994	3,324,814	26,387	62	43	53	0.0	0.1	6.3	3,497,594	-4.9%	-7.8%	-10.1%
5/7	29,315	3,354,129	26,410	48	43	46	0.5	0.5	6.8	3,524,641	-4.8%	-7.7%	-10.1%
5/8	26,720	3,380,849	26,413	48	37	43	0.1	0.6	6.9	3,554,580	-4.9%	-7.8%	-10.2%
5/9	22,400	3,403,249	26,382	57	31	44	0.0	0.6	6.9	3,584,421	-5.1%	-8.0%	-10.4%
5/10	27,018	3,430,267	26,387	60	33	47	0.0	0.6	6.9	3,608,923	-5.0%	-8.0%	-10.4%
5/11	28,820	3,459,087	26,405	48	41	45	0.7	1.3	7.6	3,632,381	-4.8%	-7.9%	-10.4%

5 year avg: 2005-2009

10 year avg: 2000-2009

## Monthly Operations Report

2010		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
1.0	<b>ADMINISTRATION</b>													
1.1	Formal Grievances	0	0	2	0									2
1.2	Employee Injuries	4	5	3	5									17
1.3	Utility Vehicle Accidents	0	2	0	0									2
1.4	Print Media Reports	3	0	1	1									5
2.0	<b>PUMPAGE</b>													
2.1	Tot in Million Gals(MG)	789.4	732.4	817.1	812.5									3,151.4
2.2	Average Day (MG)	25.5	26.2	26.4	27.1									26.3
2.3	Maximum Day (MG)	29.3	30.0	29.8	32.2									32.2
2.4	Date of Max Day	1/21 (Th)	2/26 (F)	3/6 (Sa)	4/20 (Tu)									4/20 (Tu)
3.0	<b>INSPECTIONS</b>													
3.1	Cross Connections	101	123	110	82									416
3.2	Private Wells	9	4	2	21									36
4.0	<b>CUSTOMER SVCS</b>													
4.1	Scheduled Billings	9,198	14,250	14,254	11,555									49,257
4.2	Spec Request Billings	217	271	389	535									1,412
4.3	Bill Related Inspections	22	14	23	13									72
4.4	Reminder/Tax Notices	2,010	1,509	1,603	2,464									7,586
4.5	# of Meter Readings	13,928	7,919	14,973	13,395									50,215
5.0	<b>HYDRANTS</b>													
5.1	Installed	5	1	4	2									12
5.2	Removed	5	1	3	2									11
5.3	Total in Service	8,383	8,383	8,384	8,384									8,384
5.4	Inspections	449	524	751	201									1,925
5.5	# Repaired	13	9	11	11									44
	Unit Cost	\$4,086	\$3,332	\$3,381										
5.6	Routine Flushing	52	50	25	270									397
5.7	# Painted	0	0	0	0									
6.0	<b>VALVES</b>													
6.1	Installed	4	5	9	9									27
6.2	Removed	1	1	6	3									11
6.3	Total in Service	19,681	19,685	19,688	19,694									19,694
6.4	Inspections	437	898	1,105	598									3,038
6.5	# Repaired	11	12	15	14									52

2010		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
7.0	<b>MAINS</b>													
7.1	Miles Installed	0	0	0	0									0
7.2	Miles Abandoned	0	0	0	0									0
7.3	Total Miles in Svc	838.77	838.77	838.77	838.77									838.77
7.4	Number of Leaks	53	37	15	1									106
	Unit Cost	\$2,218	\$2,658	\$5,103										
7.5	Leaks per Mile	0.06	0.04	0.02	0.00									0.13
7.6	Dwell Units Out of Svc	622	457	134	25									1238
8.0	<b>SERVICES</b>													
8.1	New Svcs to Old Lot by WU	0	0	0	0									0
8.2	New Svcs to Old Lot by PC	1	0	1	3									5
8.31	Lead Replacements by WU	0	1	0	4									5
8.32	Lead Replacements by PO	0	1	1	9									11
8.33	PO Side was Copper	0	0	0	1									1
8.34	PO Side not Replaced	0	0	0	0									0
8.41	Removals/Cut Offs Lead	2	0	0	0									2
8.42	Removals - Copper	0	0	0	0									0
8.5	New Svcs in New Plats	49	0	0	0									49
8.6	Total Svcs in Ground	61,712	61,712	61,713	61,716									61,716
8.7	New Connects to Exist Svcs	33	11	29	23									96
8.8	Number of Leaks	2	0	1	3									6
	Unit Cost	\$1,483	\$423	\$4,529										
8.9	Frozen	1	0	0	0									1
9.0	<b>METERS</b>													
9.1	Total in Service	65,753	65,764	65,817	65,869									65,869
9.2	Total Inspections	265	256	348	322									1,191
9.3	Number Repaired	26	85	48	62									221
	Unit Cost	\$169	\$67	\$112										
9.4	Number Changed	335	405	510	585									1,835
9.5	Number Converted	0	0	0	0									0
9.6	Installed in City (Regular)	0	1	0	1									2
9.7	Installed in City (Remote)	20	16	41	16									93
9.8	Installed Out City (Regular)	0	0	0	0									0
9.90	Installed Out City (Remote)	0	0	0	0									0
9.10	Turn Ons	2	4	25	43									74
9.11	Turn Offs	12	10	13	8									43
9.12	NET CHANGE	10	11	53	52									126

## OPERATIONAL RESILIENCY

*Ensure utility leadership and staff work together to anticipate and avoid problems. Proactively identify, assess, establish tolerance levels for, and effectively manage a full range of business risks (including legal, regulatory, financial, environmental, safety, security, and natural disaster-related) in a proactive way consistent with industry trends and system reliability goals.*

- One of our employees, Hydrant Inspector Michael Pfefferle, is on an unspecified leave of absence for security reasons. He is alleged to have made threats against the utility and his supervisor. Employees have received an appropriate level of communication in this matter, and certain building security measures have been taken until further notice. The City has decided to err on the side of caution and take all reasonable measures to ensure employee safety. This subject received media coverage on one outlet – WISC-TV/Channel3000.com.

### Emergency Response Plan

- Updates to the Plan appendix continue and we are starting to review the body in preparation for the 2010 update.
- Several committee members completed training for the National Incident Management System, a four-week course that lays out the process for managing any type of incident.

## INFRASTRUCTURE STABILITY

*Understand the condition of and costs associated with critical infrastructure assets. Maintain and enhance the condition of all assets over the long-term at the lowest possible life-cycle cost and acceptable risk consistent with customer, community, and regulator-supported service levels, and consistent with anticipated growth and system reliability goals. Assure asset repair, rehabilitation, and replacement efforts are coordinated within the community to minimize disruptions and other negative consequences.*

- Painting of the Prairie Road elevated tank (Reservoir 120) continues and is scheduled to be complete June 30<sup>th</sup>.
- The generator for Pump Station 215 on High Crossing Boulevard has been repaired
- We are working on bidding documents to replace the roof of the vehicle storage building at Paterson Street.

### Water Main Design Projects

- Under Design: Allied Drive; Cannonball Bike Trail; Gilmore /Cross; Riverside; Forward Dr; Academy Dr/Starker/Acewood.
- Private contract design additions: Cardinal Glenn Phase 2B; Linden Park Phase 9; Secret Places at Siggelkow Preserve Phase 6; 1802 Maplecrest PUD Phase 2.
- Out to Bid: Sanitary w/ Resurfacing – East; Sanitary w/ Resurfacing – West; Commercial/Kedzie/Pawling; Ash/Chadbourne; Camden; Merry; Fisher St; S. Segoe Rd.
- Waiting for Construction: W Gilman; University Ave; Old Middleton Rd; Helena/Division/Schurz/Lakeland; N. & S. Broom St; Edgewood Ave; N Third/Carey/Mifflin; Reiner Road; Pleasant View Rd; Capitol Square Streetscapes.
- Under Construction: Cannonball Run; water main has been installed; Northeast Interceptor Sewer (AKA Regas Rd.) Complete and in service; Monona Dr.; 2010 phase under construction; Commercial / McCormick: Water main complete.

#### Zone 4 Water Supply Augmentation

- Waiting to start the site selection contract with BT Squared.

#### Arbor Hills Fire Flow Supply

- Phase 2 of the pipeline work is being bid to start midsummer in conjunction with the bike path construction.
- Strand will be starting to evaluate pump station sites and provide design and construction services. We hope to have a pump station site by the fall and bid the project in December.

#### Zones 7 and 8 Supply Augmentation

- No progress or change in status.

#### East Side Water Supply Project

- Waiting for a contract from the USEPA for our grant funding.
- Negotiated a scope of services with Black and Veatch for the work.

## **WATER RESOURCE ADEQUACY**

*Ensure water availability consistent with current and future customer needs through long-term resource supply and demand analysis, conservation, and public education. Explicitly consider our role in water availability and manage operations to provide for long-term aquifer and surface water sustainability and replenishment.*

- We are making plans for a meeting of Dane Co. water utilities and groundwater experts here during the late June/early July timeframe. The main agenda item will be educating utilities on the background and possible impacts of future groundwater legislation, and discussion of how we can be part of the process for shaping the legislation.

Toilet Rebate Program Report

<b>Month</b>	<b>Number of Rebates</b>	<b>Rebate Dollar Amount</b>	<b>Administrative Cost</b>	<b>Revenue</b>	<b>Estimated Water Savings (gallons)</b>
January	171	\$ 17,085.24	\$ 1,183.00	\$ 25,000.00	84,686
February	173	\$ 17,272.80	\$ 840.00	\$ 25,000.00	235,299
March	423	\$ 42,281.67	\$ 1,372.00	\$ 25,000.00	566,980
April	429	\$ 42,875.62	\$ 1,225.00	\$ 25,000.00	1,015,750
May					
June					
July					
August					
September					
October					
November					
December					
<b>YTD Total</b>	1,196	\$ 119,515.33	\$ 4,620.00	\$ 100,000.00	1,902,715

## COMMUNITY SUSTAINABILITY

*Be cognizant of and attentive to the impacts our decisions have on current and long-term future community and watershed health and welfare. Manage operations, infrastructure, and investments to protect, restore, and enhance the natural environment; efficiently use water and energy resources; promote economic vitality; and engender overall community improvement. Explicitly consider a variety of pollution prevention, watershed, and source water protection approaches as part of an overall strategy to maintain and enhance ecological and community sustainability.*

- We are exploring the possibility of using certain Utility properties to support efforts by the Madison “fruits and nuts” folks to promote edible landscaping in the city. One possible site for an orchard is the green space we have at Unit Well No. 9 on Spaanem Ave. Ald. Rhodes-Conway has expressed interest in pursuing a city-wide policy on edible landscaping.