

Quality and Reliability since 1882

**Madison
Water
Utility**



General Manager's Report to the Water Utility Board April 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.

- Planning is continuing for our second annual Water Utility open house that will be on Saturday, May 8, 10 a.m. to 3 p.m. to coincide with national Drinking Water Week. Board members are invited and encouraged to attend.
- The annual "Drinking Water Quality Annual Report – 2009" (aka, consumer confidence report) has gone to the printer and will be mailed out by the end of the month to all Madison residents.

WATER QUALITY

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

- The sentinel well was purged on February 4, 5, 11, & 12 and again on March 12. Andrew Asleson, a UW student working with the WGNHS, has been assisting with the purging activities. The well was last sampled on February 12th for several basic indicator parameters (conductivity, pH, chloride, and nitrogen as nitrates/nitrite.) The analytical results indicate that the water in the lower depths is still not representative of the formations at those levels. It appears however, that the purging is working as chloride and nitrate levels have decreased significantly since the well was installed. The Water Quality Technical Advisory Committee reviewed the results at their April meeting and recommended that the FLUTE be sampled for a full suite of compounds. As a result, all six ports of the FLUTE and the nearby UW #29 will be sampled for a series of inorganic and organic parameters the week of April 19.
- The 2010 flushing program started the week of April 12. Shayne Santi is coordinating the flushing program for the year.
- Lead Services: Working through the remaining services, working with the City Attorney on delinquent properties.
- Chris Gellasch, a UW graduate student, has installed two monitoring wells at Well 7 to study groundwater movement.

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
Daily/Routine Samples						
Coliform Bacteria	Operating Wells and Distribution Sites	150	1800	419	1079	0
Free Chlorine Residual "Grab" Samples	Operating Wells and Distribution Sites	160 ¹	1900 ¹	1093	2993	0
Fluoride	Operating Wells	450 ¹	5400 ¹	420	1176	0
Quarterly Samples						
Volatile Organic Compounds (41 analytes)	Wells	5 ¹	20 ¹	0	5	0
Coliform Bacteria (Raw Water)	Wells	22 ¹	82 ¹	0	17	0
Annual Samples						
Inorganic Contaminants ² (28 analytes)	Wells	22	22	0	0	0
Volatile Organic Compounds (41 analytes)	Wells	11	11	0	0	0
Disinfection Byproducts - Total Trihalomethanes & Haloacetic Acids	Distribution Sites	7	7	0	0	0
Specialty Samples						
Iron & Manganese	Wells	na	na	9	22	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									
2010	May									
2010	June									
2010	July									
2010	August									
2010	September									
2010	October									
2010	November									
2010	December									
2010	TOTAL	195	108	1	6	11	9	4	29	36

Year	Month	All Calls	Color	Manganese	Taste	Odor	Pressure	No Water	Other	Alder District
2010	March	1	1	0	0	0	0	1	0	01
2010	March	5	3	0	0	0	0	0	2	02
2010	March	1	0	0	0	0	0	0	1	04
2010	March	2	2	0	0	0	0	0	0	05
2010	March	4	2	0	0	0	0	0	2	06
2010	March	2	0	0	2	0	0	0	0	07
2010	March	10	7	0	1	0	0	0	3	10
2010	March	2	0	0	1	0	1	0	0	11
2010	March	2	0	0	0	1	0	1	0	12
2010	March	3	0	0	0	0	0	0	3	15
2010	March	4	2	0	0	2	0	0	0	16
2010	March	3	2	0	0	0	0	0	1	17
2010	March	3	2	0	0	1	0	0	0	18
2010	March	4	4	0	0	0	0	0	0	19
2010	March	2	1	0	0	0	0	0	1	20
2010	March	8	0	0	0	0	0	0	8	None
2010	March	1	0	0	0	0	0	0	1	Unknown

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.

- Several staffing changes have taken place as a result of the “bumping” process within the Utility.

Training and Conferences

- Several employees will be going to the AWWA National Conference in Chicago.
- Al Larson and Chuck Engelhart attended an electrical training session on code updates in Milwaukee.

Employee Recognition

- Please see the attached documents complimenting our employees.

Employee Events

- April 28/29 All employee meetings
- May 5 Labor/Management Meeting
- May 11/25 Steering Team Meetings
- June 10 Employee Potluck at Paterson St.
- July 24, 2010 Water Utility Picnic

Employee volunteers are about to begin planning for this first-in-a-long-time Water Utility employee picnic that is scheduled for July 24 at Hoyt Park. Board members are invited.

Staffing Report

Work Area	Position	Held By	Comments
Management			
Finance			
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	Administrative Clerk (20-9)	Lynn LaFrancois- de la O	Lynn LaFrancois-de la O bumped into this position on 3/21/2010.
	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:	4
Positions in various stages of recruitment:	2
Positions being filled by employees in Acting status	0
Employees on Extended Absences	1
Employee hired, not yet working	0
Employees Absent Without Pay Status	3
Net Effective Employees	117

Summary of Hourly/Seasonal Positions

Work Area	Full Time Employees	Part Time Employees
Customer Service		1
Engineering		
Operations Section		
Finance/Accounting		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.

- We are starting to see an increase in applications for new service as new housing starts are beginning to show some life.

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.

- A new Cost-Cutting Design Team has been formed to consider ways to reduce the Utility's operational expenses.
- The application to increase rates in 2010 is scheduled to be filed by Friday, April 30.

Comparative Income Statement

	<u>Year Ended December 31, 2008</u>	<u>Year Ended December 31, 2009</u>
Operating Revenue	20,710,515	22,369,500
Operating Expenses		
Source of Supply	89,883	189,994
Pumping	3,292,620	3,215,338
Water Treatment	815,259	768,645
Transmission & Distribution	5,182,673	5,698,701
Customer Accounts Administrative & General	389,907	612,366
	<u>3,208,853</u>	<u>3,373,902</u>
Total Operation & Maint. Expense	12,979,195	13,858,946
Depreciation	3,728,643	4,139,670
Taxes	<u>3,378,482</u>	<u>3,761,863</u>
Total Operating Expenses	20,086,320	21,760,479
Operating Income	624,195	609,021
Other Income	621,405	184,617
Interest Expense	<u>(3,273,394)</u>	<u>(3,073,134)</u>
Net Income before Non-operating Income	(2,027,794)	(2,279,496)
Non-operating Income (CIAC)	1,999,377	2,906,364
Net Income	(28,417)	626,868

Fund Balance Report

	<u>Balance January 31</u>	<u>Balance February 28</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	\$ 596,510.46	\$ 1,188,310.46
Reserve Account (Maximum \$5,922,710.46)	\$ 5,950,000.00	\$ 5,950,000.00
Depreciation Fund ⁽¹⁾ (\$750,000 required by Bond Ordinance)	\$ 750,000.00	\$ 750,000.00
Construction Fund	\$ 5,018,644.00	\$ 4,701,086.00
Assessment Revolving Fund	\$ 48,499.01	\$ 48,499.01
Unrestricted Funds		
PILOT Fund	\$ 300,000.00	\$ 600,000.00
Cash Flow Fund	\$ -287,188.50	\$ -72,093.02
Unrestricted Reserve Fund	\$ 11,195.25	\$ 11,195.25
Checking Account	\$ 155,238.77	\$ 565,400.12
Debt to City of Madison		
Short Term Loan from City	\$ 7,650,000.00	\$ 7,650,000.00

⁽¹⁾Transfer of funds to Construction Fund approved as needed.

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

Refer any questions to Robin Piper, Water Utility Finance/Accounting Manager, at (608) 266-4656.

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 City Council has approved our selection of Clark-Dietz to act as our professional services consultant for the AMI project. Our first planning meeting was held April 23.
- Sites UW #25 and the #225 sphere are currently undergoing conversions to the new SCADA system. The hardware for both of these sites is complete and the Utility is waiting for LW Allen to complete the software upgrades. These conversions were scheduled to coincide with the UW #25 Booster Pump project.
- Brian will be completing his Master's Thesis this spring and we expect a presentation to the Board in May or June. The thesis is building on previous work in an attempt to refine the unidirectional flushing scheduling and minimize customer complaints.

East Side Zone 6 to Zone 3 Conversion

- Air bursting and chemical treatment for Well 25 was successfully completed by April 20. The installation contractor will be starting demolition of the old equipment the week of April 26. Waiting for delivery of the new pumps. The new electrical equipment was delivered to the Utility April 14. The goal is to have the new pumps and equipment installed and operational by June 1, 2010.
- A public meeting to explain the pressure conversion for the area is scheduled for Thursday, April 22.

Status of Seasonal Wells

- UW #6: On-line and in service as of April 12
- UW #8: Out of Service
- UW #10: Out of service
- UW #17: Out of Service
- UW #23: On-line and in service as of April 2
- UW #27: Out of Service
- UW #28: Out of Service

2010 Unit Well Pumpage by Month (1000 gallons)

Unit	Jan	Feb	Mar	Apr *	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
6	0	0	0	18,690									18690
7	24,587	46,552	8,982	4,233									84,354
8	0	0	0	0									0
9	37,550	33,150	38,480	24,060									133,240
10	0	0	0	0									0
11	51,840	30,330	37,760	20,744									140,674
12	26,450	30,879	31,070	23,610									112,009
13	50,140	25,948	65,770	39,250									181,108
14	71,050	63,500	71,580	40,880									247,010
15	51,140	60,650	73,920	39,650									225,360
16	40,700	36,370	46,490	21,470									145,030
17	0	0	0	0									0
18	45,180	43,640	41,820	27,820									158,460
19	60,420	64,420	87,830	38,380									251,050
20	46,150	39,460	41,450	19,920									146,980
23	0	0	0	15,773									15773
24	50,460	46,060	47,160	22,480									166,160
25	38,410	37,160	40,848	4,890									121,308
26	87,210	76,370	75,490	47,590									286,660
27	0	0	0	0									0
28	0	0	0	0									0
29	51,690	47,740	52,600	30,860									182,890
30	56,400	50,200	55,870	32,410									194,880
Total	789,377	732,429	817,120	472,710									2,811,636

*As of April 18, 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				
3/15	25,680	1,916,116	25,893	58	34	46	0.0	0.6	2.5	2,071,444	-7.5%	-9.2%	-10.9%
3/16	26,726	1,942,842	25,905	62	29	46	0.0	0.6	2.5	2,095,698	-7.3%	-9.1%	-10.9%
3/17	28,838	1,971,680	25,943	64	27	46	0.0	0.6	2.5	2,127,442	-7.3%	-9.0%	-10.7%
3/18	25,610	1,997,290	25,939	65	39	52	0.0	0.6	2.5	2,155,565	-7.3%	-9.0%	-10.7%
3/19	27,065	2,024,355	25,953	55	35	45	0.1	0.7	2.6	2,179,211	-7.1%	-8.8%	-10.6%
3/20	26,384	2,050,739	25,959	37	27	32	0.1	0.7	2.6	2,203,687	-6.9%	-8.8%	-10.6%
3/21	27,100	2,077,839	25,973	50	26	38	0.0	0.7	2.6	2,230,901	-6.9%	-8.7%	-10.5%
3/22	24,800	2,102,639	25,959	55	24	40	0.0	0.7	2.6	2,255,998	-6.8%	-8.7%	-10.5%
3/23	26,157	2,128,796	25,961	59	24	42	0.0	0.7	2.6	2,283,324	-6.8%	-8.7%	-10.5%
3/24	26,730	2,155,526	25,970	57	31	44	0.0	0.7	2.6	2,312,743	-6.8%	-8.6%	-10.4%
3/25	28,340	2,183,866	25,998	45	22	34	0.0	0.7	2.6	2,341,014	-6.7%	-8.5%	-10.3%
3/26	26,270	2,210,136	26,002	44	19	32	0.0	0.7	2.6	2,365,444	-6.6%	-8.4%	-10.3%
3/27	27,481	2,237,617	26,019	49	32	41	0.0	0.7	2.6	2,391,982	-6.5%	-8.3%	-10.2%
3/28	26,170	2,263,787	26,021	54	28	41	0.0	0.7	2.6	2,419,690	-6.4%	-8.3%	-10.2%
3/29	21,092	2,284,879	25,965	52	23	38	0.0	0.7	2.6	2,446,300	-6.6%	-8.5%	-10.4%
3/30	28,037	2,312,916	25,988	66	35	51	0.0	0.7	2.6	2,470,848	-6.4%	-8.4%	-10.3%
3/31	26,010	2,338,926	25,988	75	49	62	0.0	0.7	2.6	2,498,128	-6.4%	-8.4%	-10.3%
4/1	23,530	2,362,456	25,961	81	46	64	0.0	0.0	2.6	2,527,256	-6.5%	-8.5%	-10.4%
4/2	25,930	2,388,386	25,961	76	55	66	0.0	0.0	2.7	2,555,167	-6.5%	-8.5%	-10.4%
4/3	26,125	2,414,511	25,962	60	46	53	0.0	0.0	2.7	2,583,875	-6.6%	-8.4%	-10.3%
4/4	22,795	2,437,306	25,929	66	43	55	0.0	0.1	2.7	2,610,532	-6.6%	-8.6%	-10.5%
4/5	24,859	2,462,165	25,918	69	39	54	0.4	0.5	3.1	2,639,978	-6.7%	-8.7%	-10.6%
4/6	25,083	2,487,248	25,909	56	47	52	1.0	1.5	4.1	2,660,943	-6.5%	-8.6%	-10.6%
4/7	24,407	2,511,655	25,893	50	44	47	0.8	2.2	4.8	2,691,974	-6.7%	-8.7%	-10.6%
4/8	28,085	2,539,740	25,916	40	32	36	0.0	2.2	4.8	2,717,442	-6.5%	-8.6%	-10.5%
4/9	25,403	2,565,143	25,911	56	25	41	0.0	2.2	4.8	2,748,529	-6.7%	-8.6%	-10.5%
4/10	27,313	2,592,456	25,925	65	44	55	0.0	2.2	4.8	2,774,913	-6.6%	-8.6%	-10.5%
4/11	24,875	2,617,331	25,914	67	45	56	0.0	2.2	4.8	2,802,997	-6.6%	-8.7%	-10.6%
4/12	24,757	2,642,088	25,903	62	37	50	0.0	2.3	4.9	2,829,010	-6.6%	-8.7%	-10.7%
4/13	28,481	2,670,569	25,928	62	46	54	0.0	2.3	4.9	2,852,589	-6.4%	-8.7%	-10.6%
4/14	27,735	2,698,304	25,945	80	44	62	0.0	2.3	4.9	2,879,125	-6.3%	-8.6%	-10.6%
4/15	28,052	2,726,356	25,965	79	53	66	0.0	2.3	4.9	2,911,565	-6.4%	-8.6%	-10.6%
4/16	29,872	2,756,228	26,002	61	43	52	0.0	2.3	4.9	2,941,790	-6.3%	-8.5%	-10.5%
4/17	28,075	2,784,303	26,022	61	38	50	0.0	2.3	4.9	2,972,433	-6.3%	-8.5%	-10.5%
4/18	27,333	2,811,636	26,034				0.0	2.3	4.9	2,998,152	-6.2%	-8.4%	-10.4%

Monthly Operations Report

2010		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
1.0	ADMINISTRATION													
1.1	Formal Grievances	0	0	0										0
1.2	Employee Injuries	4	5	3										12
1.3	Utility Veh Accidents	0	2	0										2
1.4	Print Media Reports	3	0	1										4
2.0	PUMPAGE													
2.1	Tot in Million Gals(MG)	789.4	732.4	817.1										2,338.9
2.2	Average Day (MG)	25.5	26.2	26.4										26.0
2.3	Maximum Day (MG)	29.3	30.0	29.8										30.0
2.4	Date of Max Day	1/21 (Th)	2/26 (F)	3/6 (Sa)										2/26 (F)
3.0	INSPECTIONS													
3.1	Cross Connections	101	123	110										334
3.2	Private Wells	9	4	2										15
4.0	CUSTOMER SVCS													
4.1	Scheduled Billings	9,198	14,250	14,254										37,702
4.2	Spec Request Billings	217	271	389										877
4.3	Bill Related Inspections	22	14	23										59
4.4	Reminder/Tax Notices	2,010	1,509	1,603										5,122
4.5	# of Meter Readings	13,928	7,919	14,973										36,820
5.0	HYDRANTS													
5.1	Installed	5	1	4										10
5.2	Removed	5	1	3										9
5.3	Total in Service	8,383	8,383	8,384										8,384
5.4	Inspections	449	524	751										1,724
5.5	# Repaired	13	9	11										33
	Unit Cost	\$4,086	\$3,332											
5.6	Routine Flushing	52	50	25										127
5.7	Number Painted	0	0	0										0
6.0	VALVES													
6.1	Installed	4	5	9										18
6.2	Removed	1	1	6										8
6.3	Total in Service	19,681	19,685	19,688										19,688
6.4	Inspections	437	898	1,105										2,440
6.5	# Repaired	11	12	15										38

2010		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
7.0	MAINS													
7.1	Miles Installed	0	0	0										0
7.2	Miles Abandoned	0	0	0										0
7.3	Total Miles in Svc	838.77	838.77	838.77										838.77
7.4	Number of Leaks	53	37	15										105
	Unit Cost	\$2,218	\$2,658											
7.5	Leaks per Mile	0.06	0.04	0.02										0.13
7.6	Dwell Units Out of Svc	622	457	134										1213
8.0	SERVICES													
8.1	New Svcs to Old Lot by WU	0	0	0										0
8.2	New Svcs to Old Lot by PC	1	0	1										2
8.31	Lead Replacements by WU	0	1	0										1
8.32	Lead Replacements by PO	0	1	1										2
8.33	PO Side was Copper	0	0	0										0
8.34	PO Side not Replaced	0	0	0										0
8.41	Removals/Cut Offs Lead	2	0	0										2
8.42	Removals - Copper	0	0	0										0
8.5	New Svcs in New Plats	49	0	0										49
8.6	Total Svcs in Ground	61,712	61,712	61,713										61,713
8.7	New Connects to Exist Svcs	33	11	29										73
8.8	Number of Leaks	2	0	1										3
	Unit Cost	\$1,483	\$423											
8.9	Frozen	1	0	0										1
9.0	METERS													
9.1	Total in Service	65,753	65,762	65,815										65,815
9.2	Total Inspections	265	256	348										869
9.3	Number Repaired	26	85	48										159
	Unit Cost	\$169	\$67											
9.4	Number Changed	335	405	510										1,250
9.5	Number Converted	0	0	0										0
9.6	Installed in City (Regular)	0	1	0										1
9.7	Installed in City (Remote)	20	16	41										77
9.8	Installed Out City (Regular)	0	0	0										0
9.90	Installed Out City (Remote)	0	0	0										0
9.10	Turn Ons	2	4	25										31
9.11	Turn Offs	12	12	13										37
9.12	NET CHANGE	10	9	53										72

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.

- The Utility Emergency Response Plan appendix continues to be updated and the body is being reviewed in preparation for the 2010 update.
- Several Emergency Response Plan committee members are participating in training for the National Incident Management System

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.

- UW #25 was taken out service and the reservoir pumped down on April 5 for the booster upgrade project. The pump and casing (300') were subsequently removed by Utility staff. The pump and electric motor were sent out to be reconditioned and the casing and shaft are being examined internally by staff. Municipal Well and Pump, Inc. was hired to televise and airburst the borehole in an attempt to increase the well's specific capacity. Their work was completed on April 19. The Wisconsin Geological and Natural history Survey has volunteered to log the well borehole with an assortment of geophysical tools. It is hoped that they can do so next week. In the meantime, Midwest General & Mechanical Contractors, Inc. has begun the booster upgrade project at the site. They are in the process of removing the existing booster pumps/motors and all of the mechanical controls. A completion date of June 1 has been set for their project.
- UW #23, a seasonal well off-line for the winter months, was prepped and placed back in service on April 2. It is currently being pumped an average of 16 hours a day and provides approximately 1 million gallons of water a day to zone 6E. This well was placed back in service earlier than usual to meet demand normally met by the out-of-service UW #25.
- The well and reservoir at the UW #6 site were prepped and brought back on-line the week of April 5. Water from the site began entering the distribution system on April 12. Since then, the well has been pumped at approximately 3 mgd. It is currently providing the water necessary for area flushing while allowing the Utility to pump UW #19 less.
- The sphere on Prairie Road was drained and taken out of service on April 12. The contractor hired to sandblast and paint the tank immediately began work at the site. The booster pumps at UW#20 are currently providing water 24/7 to Zone 9 while the sphere is down. The Operators have been monitoring the pressures in this zone and have been able to make the necessary adjustments to keep the pressures in line. It is hoped that the sphere will be ready and back in service by the middle of June.
- The generator for Pump Station 215 on High Crossing Boulevard may have a bent frame and is being checked out.

Water Main Design Projects

- Projects under active design: STH 113; University Ave – Breese to railroad tracks; Lien Road; Old Middleton Rd; N & S Broom St; Sanitary w/ resurfacing; Edgewood Ave; Third/Mifflin/Carey; Camden.
- Private contract design additions: Cardinal Glenn Phase 2B; Linden Park Phase 9; Secret Places at Siggelkow Preserve Phase 6; 1802 Maplecrest PUD Phase 2
- Projects out for bid: Commercial/Kedzie/Pawling; Ash/Chadbourne;
- Waiting for construction: Pleasant View Road - Mineral Point to Valley View; Helena/Division/Schurz/Lakeland; W Gilman St; McCormick/Commercial; Univ. Ave - Shorewood to Segoe; Univ. Ave – Park St intersection
- Construction Projects – 2010 construction is starting to gear up; Cannonball Run: Restarted in April; Monona Dr.: 2010 work has started

Zone 4 Water Supply Augmentation

- BT Squared has been selected to assist us in finding a well site.

Arbor Hills Fire Flow Supply

- Construction of phase 1 of the 16-inch transmission main for the Cannonball pipeline restarted last week.
- Phase 2 of the pipeline work is planned to start midsummer in conjunction with the bike path construction.
- Strand has been retained to evaluate pump station sites and provide design and construction services. We hope to have a pump station site by the fall.

Zones 7 and 8 Supply Augmentation

- The project was established at the March Board meeting. Starting to develop alternatives.

East Side Water Supply Project

- We have been notified informally by the EPA that our project is approved for funding. Waiting for the paperwork.
- We evaluated three proposals and interviewed consultants and unanimously selected Black and Veatch to complete the East Side Water Supply Project. A resolution authorizing the execution of a contract is on the Common Council agenda.

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.

- Processing of toilet rebates has shown a sharp increase now that apartment buildings have become eligible.

2010 Toilet Rebate Program Report

Month	Number of Rebates	Rebate Dollar Amount	Administrative Cost	Revenue	Estimated Water Savings (gallons)
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					
May					
June					
July					
August					
September					
October					
November					
December					
YTD Total	767	\$ 76,639.71	\$ 3,395.00	\$ 75,000.00	886,965

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.

- The screening of the documentary “Tapped” about the bottled water industry on yesterday (April 26) was a great success with standing room only (well, we hope so). The Madison Streets and Recycling Dept. co-sponsored this free screening.