



General Manager's Report to the Water Utility Board March 23, 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 underway 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. We will have several new participants this year, including the Madison Association of Plumbing Contractors, Madison Streets and Recycling, and a plumbing supply company.
- Bill inserts entitled "The Value of Water" have been printed and will be enclosed with bills for the next billing cycle.
- Public Information Officer Gail Gawenda has been involved with the Wisconsin Water Association's Image and PR committee, connected with UW's Population Health Department to establish better understanding of drinking water issues, participated in Water Research Foundation's webcast, and along with other staff scheduled radio spots to play for the next several months with the "value of water" theme.
- Website "What Well Serves My Address" was updated in January, and associated water quality information was updated in February with 2009 data.

WATER QUALITY

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

- The 2010 flushing schedule is complete. Shayne Santi will coordinate the 2010 flushing program which is expected to start the week of April 19.
- DNR extended the Lead Service Replacement Consent Order to January 1, 2012. Judging by phone calls, the list of remaining properties with lead water services on City Assessor's website has helped raise awareness.
- UW #29 Sentinel Well was purged on February 4, 5, 11, & 12 and again on March 12th. 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. An additional round of sampling is scheduled for the week of March 15.
- Ken Bradbury, Jean Bahr and Chris Gellasch will be studying groundwater movement and virus transport at Well 7.

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	340	660	0
Free Chlorine Residual "Grab" Samples	Operating Wells and Distribution Sites	160 ¹	1900 ¹	938	1900	0
Fluoride	Operating Wells	450 ¹	5400 ¹	368	756	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	4	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	7	13	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									
2010	April									
2010	May									
2010	June									
2010	July									
2010	August									
2010	September									
2010	October									
2010	November									
2010	December									
2010	TOTAL	138	82	1	2	7	8	2	20	23
		138	82	1	2	7	8	2	20	23

Year	Month	All Calls	Color	Manganese	Taste	Odor	Pressure	No Water	Other	Alder District
2010	February	1	0	0	0	0	0	0	1	01
2010	February	4	2	0	0	1	0	0	1	02
2010	February	4	1	0	0	0	1	1	1	03
2010	February	1	0	0	0	0	0	0	1	04
2010	February	5	4	0	0	0	1	0	0	05
2010	February	13	11	0	0	0	0	0	2	06
2010	February	1	0	0	0	0	0	0	1	07
2010	February	1	1	0	0	0	0	0	0	08
2010	February	1	0	0	0	0	0	0	1	09
2010	February	9	6	1	0	0	0	0	3	10
2010	February	1	1	0	0	0	0	0	0	11
2010	February	5	5	0	0	0	0	0	0	12
2010	February	2	0	0	0	1	0	0	1	13
2010	February	2	2	0	0	0	0	0	0	14
2010	February	1	0	0	0	0	0	0	1	15
2010	February	1	0	0	0	0	0	0	1	17
2010	February	15	14	0	0	1	1	0	0	18
2010	February	3	1	0	0	1	0	0	1	19
2010	February	1	0	0	1	0	0	0	0	20
2010	February	4	1	0	0	0	0	0	3	None
2010	February	2	0	0	0	0	0	0	2	Unknown

Year	Month	All Calls	Color	Manganese	Taste	Odor	Pressure	No Water	Other	Alder District
2010	January	3	2	0	0	1	0	0	1	02
2010	January	4	0	0	0	0	0	0	4	03
2010	January	1	0	0	0	0	0	0	1	04
2010	January	2	1	0	1	1	0	0	0	05
2010	January	1	1	0	0	0	0	0	0	06
2010	January	1	1	0	0	0	0	0	0	08
2010	January	2	0	0	0	0	1	0	1	09
2010	January	6	4	0	0	0	1	0	1	10
2010	January	3	1	0	0	0	0	0	2	11
2010	January	2	2	0	0	0	1	0	0	12
2010	January	2	1	0	0	0	0	0	1	13
2010	January	1	1	0	0	0	1	0	0	14
2010	January	2	0	0	0	0	1	1	0	15
2010	January	1	0	0	0	0	0	0	1	16
2010	January	5	0	0	0	0	0	0	5	17
2010	January	17	17	0	0	1	0	0	0	18
2010	January	1	1	0	0	0	0	0	0	20
2010	January	4	0	0	0	0	0	0	4	None
2010	January	3	1	0	0	0	0	0	2	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.

Training and Conferences

- Ongoing ACCELA asset management software testing and training as the project goes live for work orders.
- Taking advantage of the fact that the national American Water Works Association Annual Conference and Expo is in Chicago this year in June, we have chartered a bus and are sending over 20 employees for a day to an event they normally wouldn't have the opportunity to attend.

Employee Recognition

- Doug DeMaster has left the Utility to accept a position with the Portsmouth (RI) Water and Fire District. He has been an invaluable asset to the Utility over the years. A resolution honoring his service is on tonight's agenda.

Employee Events

- March 24/25 All employee meetings
- April 8 Labor/Mgmt Meeting
- April 13/27 Steering Team Meetings
- July 24, 2010 Water Utility Picnic- Save the Date!

Staffing Report

Work Area	Position	Held By	Comments
Management			
Finance			
Water Quality			
Water Supply			
Engineering	Water Construction Inspector (16-14)	Keith Zutter	Began employment Feb 7, 2010 as an Acting Inspector. Position became permanent on Feb 19, 2010.
	Engineer 3 (18-10)	Vacant	Ms. Wischhoff left City employment on Feb. 5, 2010.
	Engineer 4 (18-12)	Doug DeMaster	Mr. DeMaster will be leaving City Employment effective March 25, 2010.
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)	Vacant	Vacancy due to retirement of Deb Meinert 12/30/2009.
Maintenance	Maintenance Worker (16-11)	Vacant	This position is currently vacant.

Summary of Permanent Positions

Budgeted positions for 2010 (1/1/2010):	127
Positions vacant as of March, 2010:	5
Positions in various stages of recruitment:	2
Positions being filled by employees in Acting status:	0
Employees on extended absences:	2
Employee hired, not yet working:	0
Employees Absent Without Pay status:	2
Net Effective Employees:	118

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.

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.

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.

- Final interviews were held with the top three firms who have bid on the consulting work for the AMI Project. The proposals have been scored by Ken Key, Tom Heikkinen, and Robin Piper and we have consulted with the Purchasing Department. A selection will be made by the time of the scheduled board meeting.
- 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.
- The conversion of Unit Wells 6, 12, 14, 19, 20, 27 and Reservoir/BS 106 to the new SCADA system was completed in late February. All of the conversions were successful and the sites' systems appear to be operating correctly. The sites still requiring conversion are all located on the east side (Unit Wells 7, 8, 9, 11, 13, 23, 25, Booster 213, and Spheres 113 and 225). These sites will be converted in two different phases. LW Allen is working on proposals for each phase. It is expected that all of the Utility's sites will be completed by the end of 2010.

East Side Zone 6 to Zone 3 Conversion

- Waiting for delivery of the new pumps and motor controls. Expect work to start in late April.
- Well 25 will be air burst and the deep well pumping equipment inspected during the pump conversion project.
- A public meeting to explain the pressure conversion is planned for the area Thursday April 22nd.
- The goal is to have the new pumps and equipment installed and operational in June 2010.

Status of Seasonal Wells

- UW #6: Out of Service on September 28th.
- UW #8: Out of Service on September 9th.
- UW #10: Out of service
- UW #17: Out of Service on September 28th.
- UW #23: Out of Service on October 15th.
- UW #27: Out of Service on October 5th.
- UW #28: Out of Service on October 6th.
- All seasonal wells are off-line for the winter months.

2010 Unit Well Pumpage by Month

Unit	Jan	Feb	Mar *	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
6	0	0	0										
7	24,587	46,552	4,150										75,289
8	0	0	0										
9	37,550	33,150	17,170										87,870
10	0	0	0										
11	51,840	30,330	21,510										103,680
12	26,450	30,879	11,980										69,309
13	50,140	25,948	28,950										105,038
14	71,050	63,500	32,220										166,770
15	51,140	60,650	30,120										141,910
16	40,700	36,370	19,450										96,520
17	0	0	0										
18	45,180	43,640	20,790										109,610
19	60,420	64,420	38,340										163,180
20	46,150	39,460	20,310										105,920
23	0	0	0										
24	50,460	46,060	21,590										118,110
25	38,410	37,160	18,490										94,060
26	87,210	76,370	35,560										199,140
27	0	0	0										
28	0	0	0										
29	51,690	47,740	23,750										123,180
30	56,400	50,200	24,250										130,850
Total	789,377	732,429	368,630										1,890,436

*As of March 14, 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				
2/13	27,235	1,128,145	25,640	29	-2	14	0.0	0.5	1.4	1,233,106	-8.5%	-9.3%	-10.8%
2/14	25,502	1,153,647	25,637	38	3	21	0.0	0.5	1.4	1,258,126	-8.3%	-9.4%	-10.8%
2/15	22,931	1,176,578	25,578	27	16	22	0.1	0.6	1.5	1,284,559	-8.4%	-9.5%	-11.0%
2/16	25,889	1,202,467	25,584	32	24	28	0.0	0.6	1.5	1,312,302	-8.4%	-9.6%	-11.0%
2/17	29,407	1,231,874	25,664	34	28	31	0.0	0.6	1.5	1,340,720	-8.1%	-9.4%	-10.8%
2/18	26,620	1,258,494	25,684	37	13	25	0.0	0.6	1.5	1,373,020	-8.3%	-9.4%	-10.8%
2/19	25,899	1,284,393	25,688	37	6	22	0.0	0.6	1.5	1,398,131	-8.1%	-9.4%	-10.8%
2/20	27,700	1,312,093	25,727	33	27	30	0.1	0.7	1.6	1,425,114	-7.9%	-9.2%	-10.7%
2/21	28,260	1,340,353	25,776	34	28	31	0.1	0.8	1.7	1,454,789	-7.9%	-9.0%	-10.6%
2/22	25,480	1,365,833	25,770	34	29	32	0.1	0.9	1.8	1,480,280	-7.7%	-9.2%	-10.6%
2/23	22,248	1,388,081	25,705	33	27	30	0.1	1.0	1.9	1,511,174	-8.1%	-9.5%	-11.0%
2/24	26,569	1,414,650	25,721	23	18	21	0.1	1.0	1.9	1,537,185	-8.0%	-9.5%	-10.9%
2/25	26,603	1,441,253	25,737	27	8	18	0.0	1.0	1.9	1,569,684	-8.2%	-9.5%	-10.9%
2/26	30,010	1,471,263	25,812	33	13	23	0.0	1.0	1.9	1,597,412	-7.9%	-9.2%	-10.6%
2/27	28,553	1,499,816	25,859	38	26	32	0.0	1.0	1.9	1,624,959	-7.7%	-9.0%	-10.5%
2/28	21,990	1,521,806	25,793	35	31	33	0.0	1.0	1.9	1,655,500	-8.1%	-9.3%	-10.8%
3/1	28,020	1,549,826	25,830	36	20	28	0.0	0.0	1.9	1,682,554	-7.9%	-9.5%	-11.1%
3/2	26,430	1,576,256	25,840	32	15	24	0.0	0.0	1.9	1,712,393	-8.0%	-9.5%	-11.1%
3/3	27,671	1,603,927	25,870	37	9	23	0.0	0.0	1.9	1,739,642	-7.8%	-9.4%	-11.0%
3/4	25,360	1,629,287	25,862	40	11	26	0.0	0.0	1.9	1,767,397	-7.8%	-9.4%	-11.0%
3/5	26,848	1,656,135	25,877	40	13	27	0.0	0.0	1.9	1,797,084	-7.8%	-9.3%	-11.0%
3/6	29,800	1,685,935	25,937	40	13	27	0.0	0.0	1.9	1,823,038	-7.5%	-9.1%	-10.8%
3/7	24,905	1,710,840	25,922	46	22	34	0.0	0.0	1.9	1,857,503	-7.9%	-9.3%	-10.9%
3/8	24,070	1,734,910	25,894	40	23	32	0.0	0.0	1.9	1,881,855	-7.8%	-9.4%	-11.0%
3/9	26,006	1,760,916	25,896	44	35	40	0.0	0.0	1.9	1,905,214	-7.6%	-9.3%	-11.0%
3/10	25,570	1,786,486	25,891	51	36	44	0.3	0.3	2.2	1,932,333	-7.5%	-9.3%	-11.0%
3/11	27,376	1,813,862	25,912	51	38	45	0.3	0.5	2.4	1,958,913	-7.4%	-9.2%	-10.9%
3/12	25,579	1,839,441	25,908	50	40	45	0.0	0.5	2.4	1,989,772	-7.6%	-9.3%	-11.0%
3/13	28,385	1,867,826	25,942	43	39	41	0.0	0.6	2.5	2,019,949	-7.5%	-9.1%	-10.9%
3/14	22,610	1,890,436	25,896	57	39	48	0.0	0.6	2.5	2,045,232	-7.6%	-9.2%	-11.0%

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	ADMINISTRATION													
1.1	Formal Grievances	0	0											0
1.2	Employee Injuries	4	5											9
1.3	Utility Veh Accidents	0	2											2
1.4	Print Media Reports	3	0											3
2.0	PUMPAGE													
2.1	Tot in Million Gals(MG)	789.4	732.4											1,521.8
2.2	Average Day (MG)	25.5	26.2											25.8
2.3	Maximum Day (MG)	29.3	30.0											30.0
2.4	Date of Max Day	1/21 (Th)	2/26 (F)											2/26 (F)
3.0	INSPECTIONS													
3.1	Cross Connections	101	123											224
3.2	Private Wells	9	4											13
4.0	CUSTOMER SVCS													
4.1	Scheduled Billings	9,198	14,250											23,448
4.2	Spec Request Billings	217	271											488
4.3	Bill Related Inspections	22	14											36
4.4	Reminder/Tax Notices	2,010	1,509											3,519
4.5	# of Meter Readings	13,928	7,919											21,847
5.0	HYDRANTS													
5.1	Installed	5	1											6
5.2	Removed	5	1											6
5.3	Total in Service	8,383	8,383											8,383
5.4	Inspections	449	524											973
5.5	# Repaired	13	9											22
	Unit Cost	\$4,086												
5.6	Routine Flushing	52	50											102
6.0	VALVES													
6.1	Installed	4	5											9
6.2	Removed	1	1											2
6.3	Total in Service	19,681	19,685											19,685
6.4	Inspections	437	898											1,335
6.5	# Repaired	11	12											23

7.0	MAINS														
7.1	Miles Installed	0	0												0
7.2	Miles Abandoned	0	0												0
7.3	Total Miles in Svc	838.77	838.77												838.77
7.4	Number of Leaks	53	37												90
	Unit Cost	\$2,218													
7.5	Leaks per Mile	0.06	0.04												0.11
7.6	Dwell Units Out of Svc	622	457												1079
8.0	SERVICES														
8.1	New Svcs to Old Lot by WU	0	0												0
8.2	New Svcs to Old Lot by PC	1	0												1
8.31	Lead Replacements by WU	0	1												1
8.32	Lead Replacements by PO	0	1												1
8.33	PO Side was Copper	0	0												0
8.34	PO Side not Replaced	0	0												0
8.41	Removals/Cut Offs Lead	2	0												2
8.42	Removals - Copper	0	0												0
8.5	New Svcs in New Plats	49	0												49
8.6	Total Svcs in Ground	61,712	61,712												61,712
8.7	New Connects to Exist Svcs	33	11												44
8.8	Number of Leaks	2	0												2
	Unit Cost	\$1,483													
8.9	Frozen	1	0												1
9.0	METERS														
9.1	Total in Service	65,753	65,762												65,752
9.2	Total Inspections	265	256												521
9.3	Number Repaired	26	85												111
	Unit Cost	\$169													
9.4	Number Changed	335	405												740
9.5	Number Converted	0	0												0
9.6	Installed in City (Regular)	0	1												1
9.7	Installed in City (Remote)	20	16												36
9.8	Installed Out City (Regular)	0	0												0
9.90	Installed Out City (Remote)	0	0												0
9.10	Turn Ons	2	4												6
9.11	Turn Offs	12	12												24
9.12	NET CHANGE	10	9												19

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 is being updated and the body is being reviewed in preparation for the 2010 update.
- Joe DeMorett and Al Larson attended a workshop on preparing for widespread power outages.

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.

- GIS: 2009 projects are being entered. Working on record drawings to allow accounting to close out projects.
- Unit Well #13, located on Wheeler Road, was taken out of service on January 27th for booster pump repairs. Repairs were completed on February 5th. The deep well and reservoir were subsequently flushed, sampled and analyzed for bacteria, and brought back on-line February 12th. The well is currently supplying water to Zone 6E. Unit Well #7 was utilized extensively while #13 was down.
- Unit Well #11, located on Dempsey Road, was taken off line for a short period in late February. The booster pump at this site required servicing. Replacement parts were located and the repairs completed. This site is currently on-line and pumping water.
- We are preparing the bid documents for replacing the roof on the Paterson Street vehicle storage building.
- Painting of the Prairie Road elevated tank (Reservoir 120) is anticipated to start in mid-April.
- The generator at Pump Station 215 on High Crossing Boulevard has been installed and is being tested and configured.
- Well 7 reservoir roof will be redone once the weather warms up and it dries 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; Commercial/Kedzie/Pawling; Ash/Chadbourne; 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: Pleasant View Road - Mineral Point to Valley View; Helena/Division/Schurz/Lakeland
- Waiting for construction: 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: 2010 Work to begin first part of April; Northeast Interceptor Sewer: Work on Regas Rd. complete. Main relocation work scheduled to begin in April. Monona Dr.: 2010 work has started

Zone 4 Water Supply Augmentation

- Consultant proposals are being reviewed for the well site search. Expect to have a selection by the end of March

Arbor Hills Fire Flow Supply

- Construction of phase 1 of the 16-inch transmission main for the Cannonball pipeline is scheduled to restart in April.
- 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.

Zones 7 and 8 Supply Augmentation

- A CAP meeting was held Tuesday March 9th to discuss establishing the project. Additional data was presented by staff to answer questions regarding the need for additional supply to the area. The CAP agrees with the need to have a project.

East Side Water Supply Project

- We have been notified informally by the EPA that our project is expected to be funded. Waiting for formal notice.
- We are currently reviewing consultant proposals and expect to interview the end of the month.

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.

- Press release, “Madison Water Utility Urges Residents to Fix Leaks to Save Water and Money,” was issued on March 12 to highlight Fix-a-Leak Week March 15-19.

Dane County Groundwater Flow Model Update

- The Capital Area Regional Planning Commission (CARPC) was successful in finding a sufficient number of participants to fund an update of the Dane County Regional Groundwater Model. The Wisconsin Geological and Natural History Survey (WGNHS) and the U.S. Geological Survey (USGS) will conduct the upgrade over a two year period. The computerized model, originally constructed by the WGNHS and the USGS in 1994, has been utilized by many different agencies and commercial firms as an aid in water-resource planning on a county wide scale. Unfortunately, this tool has become outdated and no longer reflects the current state of our understanding.
- Dane County and twenty-seven different villages, towns, and cities were asked to contribute toward the estimated \$350,000 cost of the upgrade. The City of Madison’s share was \$166,046 of which the Water Utility agreed to pay \$124,535. Matching contributions totaling \$186,000 have also been pledged by the WGNHS, USGS, and CARPC. Work will begin soon and status reports on the completed work will be forthcoming.

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.

- A venue at Monona Terrace has been booked for showing the documentary “Tapped” about the bottled water industry on April 26 at 7 p.m. The Madison Streets and Recycling Dept. is co-sponsoring this screening.
- Our goal is to complete all wellhead protection plans by the end of 2010. We have budgeted for consultant help.