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Engineering Systems and Mapping

1. GIS: Ongoing work to enter completed water main projects and main leaks into the Utility's GIS.
2. Lead Services: Coordinating lead replacements on various water main projects and monitoring PO work.
3. Flushing Planning: 2008 flushing operations have been completed, analyzing the data and preparing for 2009
4. Hydraulic Model: Providing support for the preparation of scoping documents for the Capital Improvement Program. Continue to refine and update the model as necessary.
5. Water Utility Strategic Planning: Working on SOP and Work Practices Design Teams.

Water Main Design Projects – 2008

Projects under active design: Arbor/Knickerbocker; University Avenue; NE Sewer Interceptor; Sherman Terrace Condos; Monona Drive

Private contract design additions: None

Projects out for bid: Marston Ave

Projects Waiting for Construction: East Washington Ave

Water Main Construction Projects – 2008

Completed Projects: American Center; State St.; Waubesa; Marquette/Sach St.; Dixon/St. Paul; Union Corners Hermina; N. Fourth St.; East Towne Mall Water Relocation; E. Gorham; E. Main (1st to 2nd); Capitol Square; W. Doty; Monroe/Randall; Kendall/Chestnut; Riverside/Yahara; Sherman Av.; Jennifer/Livingston; N. Dickinson; N. Pinckney; Park St.; Few/Baldwin St.; Leitch/Jean St.; Linden Park Ph. 6; Blackhawk 8th Addition Ph. 4; Silicon Park; Allis Av.; Allied Dr.; E. Main – Thornton to Dickinson

Projects under construction: Starkweather/Clyde Gallagher: Project complete except for Milwaukee St. bridge project. Connection on east side of Starkweather will not be completed until December. Eton Ridge/Rugby Row/Vista: Main & services completed, one hydrant to be removed; Truax Water Main Ext.: waiting for pressure test; Orchard St.: Scheduled to begin at the end of November.

Additional Notes: Linden Park Ph. 7 and Hawk's Ridge has been canceled for this year.

Maintenance Projects

1. The deep well pump at Well 18 has been pulled for maintenance. The borehole will be air burst to re-establish capacity.
2. Replacing the flow meter at Well 9.
3. Working on an altitude valve for the High Point Road Reservoir.

Unidirectional Flushing Operations and Sampling

1. Flushing is complete for 2008! Thanks and congratulations to the office and field staff once again for a job well done.
2. Flushing numbers for November: 1.16 mil gal (udf) and 0.63 mil gal conventional; 29 udf runs; 20 hydrants flushed udf, (this was mainly reflushing of approximately 5 miles of main), 40 hydrants flushed conventionally
3. 2008 Year-to-date; 94.9 mil gallons (udf); 24.1 mil gallons (conv); 2145 udf runs; 476 miles udf; 1743 hydrants flushed udf

East Isthmus Well Siting Study and Public Participation Program

1. Nothing to report

Well 29 Iron and Manganese Filter

1. Contractor is finishing up the backwash basins, should be able to do a leak test by December 1st.
2. Sixteen inch water main cap blew off the night of November 4, 2008, flooded the excavation, knocked out a pump station but did no other significant damage. The contractor lost about a day in clean up and repair.
3. Project is currently on schedule and it is expected to be operational by May 2009.

Well 8 Iron and Manganese Filter

1. Developing the public participation plan, communication plan and the scoping document for the project. The project will be presented to the Board at the December 2008 meeting.
2. Evaluating the need for a filter, analyzing the complaint and water quality data. Considering alternatives for the facility.

Arbor Hills Fire Flow and Zone 4 Water Supply Augmentation

1. Both projects are on the Board agenda for November and will be fully considered at the January 2009 meeting.
2. Met with Alders Judy Compton and Tim Bruer to discuss the scope and objectives for the respective projects.

Zones 7 and 8 Supply Augmentation and Zone 9 Storage Capacity

1. A draft of the scoping document for the Zones 7 & 8 project is complete and will be presented to the Board in December.
2. The Zone 9 project will be presented to the Board in January 2009.

Wellhead Protection Plans – Wells 7, 11, 16, and 17

1. No progress this month.

Graduate Research Project

1. Continue to operate the continuous on-line turbidimeter on the east side monitoring system water quality
2. Planning data analysis and the data collection and research objectives for 2009.

Training and Conferences

1. Fire safety training was conducted for all employees during November.