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Engineering Systems and Mapping

1. GIS: Entering 2007 water main projects and main leaks into GIS. Currently working on as-built detail drawings.
2. Flushing: Working on scheduling, customer notification, ads, data entry and updating flushing maps.
3. Strategic Planning Work: Participating in Standard Operating Procedures, Work Practices, and Main Break Data Teams
4. Lead Services: Continue to coordinate the program. Mailing lead service replacement notification letters for 2008.
5. Hydraulic Model: Working with MWH Soft for model conversion and updating to make it consistent with our GIS.

Water Main Design and Construction Projects - 2008

Projects under active design: Few / Baldwin; Allis Ave; Allied Drive; Arbor / Knickerbocker

Private contract design additions: Tradesman Commerce Park; Silicon Prairie Ph 2; Linden Park Ph 6; Linden Park Ph 7

Projects out for bid: Park St; Rugby Row / Eton Ridge; N Sherman

Projects waiting for construction: Monroe/ Little/ Randall Ct; Kendall Ave; Jennifer/ Livingston main; Riverside/ Yahara main; Sanitary with Resurfacing Central; Jean / Leitch / N Pinckney; E. Gorham St main

Projects under active construction: Spaight / Russell / Walton main replacement; Clyde Gallagher main crossing / replacement; Union Corners phase 2; St. Paul / Dixon main; Waubesa St; State Street; Sachs / Marquette Street; Sanitary Replacement with Resurfacing East; American Center Hanson Add – PC; Dickinson / E. Main

Projects completed: None

Maintenance Projects

1. Well 26: The well is back on line and operating. Cl₂ feed is creeping up over time. We have not seen a significant shift in any of the water quality criteria we are testing for.
2. BUD #1: Developing a plan for the pump house and reservoir property.
3. Reservoir 225: Finalizing specifications to repair the paint on the stem of the reservoir. We will solicit quotes for the work.
4. Reservoir 126: Finalizing bidding documents to completely repaint the tank this fall. Scheduled start: Sept. 2nd.

Unidirectional Flushing Operations and Sampling

1. Finished up areas 15 & 25. Flushing continues in the Well 13, 23, 24 (Night) and 28 areas. Moving into 7 & 19.
2. 2008 flushing numbers through the end of April, 106 miles flushed using 19.4 million gallons of water.

East Isthmus Well Siting Study and Public Participation Program

1. Investigating the feasibility of developing a well site in the Anderson & Wright Street area.

Well 29 Iron and Manganese Filter

1. Met with City staff of the Plan Commission and the Urban Design Commission. We submitted our applications for the filter building addition to these Commissions at the end of May for consideration during June and July.
2. Finalizing the building and facility design and controls with the objective of opening bids in August.

Larkin Street Test Well

1. Well abandonment work was completed the week of May 19th. Final cleanup is in progress.

Whitney Way Well Site

1. Working on the WDNR well siting permit. Very little progress has been made on this as we are still waiting for the contaminant inventory on the area surrounding the well. We need a permit from the DNR to allow us to drill the well.

Graduate Research Project

1. UW grad research project: During the past month, Ryan has started a flushing sampling program that looks at the turbidity at several different velocities. The objective is to determine when we would potentially have a problem. This would allow us to flush prior to hitting that problematic threshold.
2. Ryan is planning to finish his thesis and graduate in July. A presentation to the Board will be scheduled this summer.

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

1. Over the past month we continue to struggle to get the necessary information for the contaminant inventories. We are investigating other database sources if we don't make progress soon.

Emergency Response Plan

1. Updated 2008 document was printed and distributed. Started the 2008 training program with staff fire extinguisher training. Will schedule fire drills and severe weather training this summer. Staff awareness training will be covered at all staff meetings.