

Alan L. Larson – Principal Engineer

119 E. Olin Avenue
Madison, Wisconsin 53713
Telephone: 608 266-4653
email: allarson@cityofmadison.com

Engineering Systems and Mapping

1. GIS: Ongoing extensive work to enter completed water main projects and main leaks into the Utility's GIS.
2. Lead Services: Coordinating PO lead replacements. Preparing annual report
3. Unidirectional Flushing: Planning and scheduling for 2009 flushing season
4. Hydraulic Model: Supporting the Public Participation program, working with Black and Veatch on updates and revisions to the "What well serves my area" information and the model water demands.

Water Main Design Projects – 2009

Projects under design: University Avenue Phase 2; NE Sewer Interceptor; Spaight/S. Few; and Fox/Keyes/S. Prospect

Private contract design additions: Union South main relocation

Projects out for bid: University Avenue Phase 1; S. Mills

Projects Waiting for Construction: East Washington Ave; Marston Avenue; Arbor/Knickerbocker;

Water Main Construction Projects – 2009

Projects under construction: Starkweather/Clyde Gallagher: Waiting for weather to complete a delayed connection @ the bridge; and E. Campus Mall

Maintenance Projects

1. Air bursting of Well 18 to re-establish capacity of the well was completed February 11, 2009. New column pipe & pump to be installed in late February and the well should be back on line in March.
2. Still waiting to schedule the replacement flow meter for Well 9.

Unidirectional Flushing Operations and Sampling

1. Planning and scheduling uni-directional flushing for the 2009 UDF season.
2. Continue to analyze the UDF data for 2008 as a part of the Graduate Research program.

Well 29 Iron and Manganese Filter

1. Interior block walls are finished and they have started the exterior walls. Roofing is going on the building.
2. Piping, equipment and electrical are being installed.
3. Training and testing is scheduled for March. Commissioning of the facility is scheduled to start April 20th.
4. A formal announcement and press release concerning startup of the facility will be made in March.

Zone 4 Water Supply Augmentation

1. Finalizing the Scoping Document and planning a public hearing on the project before the March 24 Water Board meeting.

Arbor Hills Fire Flow

1. Working with Alder Tim Bruer to set a public meeting and establish a CAP for the project.
2. Project will be brought before the Water Board following the public meeting, a meeting of the CAP, and a public hearing.

Well 8 Iron and Manganese Mitigation

1. A draft scoping document, public participation plan, and communication plan has been sent to the Alders for comment.
2. Attempting to coordinate a meeting with Alder Rummel and Alder Palm to review the project scoping document, establish a CAP, and set a date for a public meeting.

Zones 7 and 8 Supply Augmentation

1. A meeting was held with Alder Clear to review the project scoping document, send out the invitation to participate on the project CAP, and set a date for a public meeting.
2. The project is before the Water Board for referral to the April meeting.

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

1. No further progress this month.

Graduate Research Project

1. Formulating research objectives and sampling protocols for the coming summer flushing.
2. Discussing the study areas and what variables to consider.
3. Continuous on-line turbidimeter: Still looking to move it to the Well 13 area on the north side of the City to investigate unlined pipe and its contribution to water quality but we are having trouble finding a suitable site.

Emergency Response Tabletop Exercise

1. A tabletop exercise was conducted on a simulated west side power outage. The event was attended by a good cross section of City and County agencies. The exercise provided a good training simulation for Utility staff.
2. A report and follow-up meeting is planned to recap the exercise and layout needed improvements and future training.

Training and Conferences

1. Some employees attended the WWA Manufacturers Expo in the Dells.