

Milwaukee Water Works

Safe, Abundant Drinking Water.

WATER ENGINEERING
841 N. Broadway, Room 409
Milwaukee, WI 53202

Email: watflowtest@milwaukee.gov

Web page: www.milwaukee.gov/water/PermitsSpecs

To Whom It May Concern:

The Milwaukee Water Works Engineering Section provides water main pressure information and fire flow test results for the MWW retail service area. This area currently includes Milwaukee, Greenfield, Hales Corners, St Francis, West Milwaukee and a portion of Franklin (www.city.milwaukee.gov/water/about).

All Requests should be emailed to watflowtest@milwaukee.gov

- Responses will usually be returned within one business day
- Fax requests are no longer accepted
- Information will not be given out over the phone

Information REQUIRED for Processing a Request

- Contact name, Phone number and E-mail address
- Location/Address (Exact address or corner of an intersection) of site requested
- Type of information requested (Pressure or Flow Test data)
- Existing/Proposed branch location (if applicable)

Pressure

Water pressure information will be given as average pressure and is a theoretical calculated pressure based upon the hydraulic grade line within the identified water pressure district. Water main size and location in the street can be provided upon request.

Fire Flow Tests

Only Milwaukee Water Works personnel may conduct tests on the public water system. Tests are conducted in accordance with AWWA standard practices. The information will be returned in a PDF file, usually within one day.

Information provided with Fire Flow Test requests

- Date of Test
- Flow and Residual Hydrant Locations
- Pitot pressure (psi) and Discharge (gpm)
- Static and Residual Pressures (psi) and Elevation
- Size of Nozzle and "C" Factor, if used
- Water main size and location in the street, if requested
- Dead-end or looped water main, if requested

New Fire Flow Tests

Requests for new tests will be evaluated to determine whether existing tests accurately represent the water distribution system and if a \$400 fee is applicable. The fee is required to be submitted prior to the test. A representative for the requesting party may schedule to observe the test upon approval of the Water Engineering Section.

Tests **ARE NOT** conducted during the cold weather months, generally November 1st through March 31st, as determined by the Water Engineering Section. Exceptions will be at the discretion of the Water Engineering Section.

Information Not Provided by MWW

Meter size, Service size or Material - Contact *The Milwaukee Development Center* (414) 286-8208.

Maps – Water system prints may be ordered through *Diggers Hotline* (800)-242-8511 or 811.

Caller should state - *"For planning purposes only – Milwaukee Water Works only need reply"*

Questions? Contact *Water Engineering* (414) 286-2624, Monday thru Friday, 8:00 am to 3:30 pm. (CST)
or Email watflowtest@milwaukee.gov

Mr. Joshua Iwen, PE

Joshua Iwen, P.E.

Management Engineer