

20-0480

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
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Madison WI 53707-7921

Tony Evers, Governor
Preston D. Cole, Secretary
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CONSENT

May 1, 2020

DEBORAH NEUSER CLERK
CITY OF MANITOWOC
900 QUAY ST
MANITOWOC WI 54220

Project Number: W-2020-0264
PWSID#: 43603648
DNR Region: NER
County: Manitowoc

WATER MAIN PLAN AND SPECIFICATION APPROVAL

Water system name: Manitowoc Waterworks

Date received: 03/06/2020

Engineering firm: Manitowoc Public Utilities

Professional Engineer: Robert D. Michaelson, P.E.

DNR Plan Reviewer: Benjamin Mand, 101 South Webster Street, Madison, WI 53703, (608) 267-9787, benjamin.mand@wisconsin.gov

Location(s): Water main replacements on South 13th Street, South 29th Street, Maritime Drive, Buffalo Street, and York Street

Private water mains and water services may require plan review by Department of Safety and Professional Services (DSPS) and are not reviewed or approved by the Department of Natural Resources. Service connections that will have static pressures exceeding 80 psi should have an individual pressure reducing valve installed in accordance with DSPS requirements. Contact DSPS at 608-267-9421 for further information on potential need for plan review.

Alternative design criteria were requested and are being granted to exceed the maximum separation distance between hydrants (s. NR 811.71(1), Wis. Adm. Code) on South 29th Street.

Alternative Design Criteria:

1. The existing water main on South 29th Street has a hydrant spacing of 700 feet between the intersections of Meadow Lane and Coolidge Place. The City of Manitowoc Fire Chief, Todd M. Blaser, has acknowledged that this alternative design will not adversely affect the fire protection in this area.

Condition(s) of approval:

1. A resident project representative shall be designated by the water supply owner or by the agent retained by the owner. The resident project representative shall be knowledgeable regarding the proposed construction and be able to ensure the improvements are being constructed in accordance with the department approved plans, specifications, and conditions of the approval. The project representative shall be present on the work site as need to assure proper construction and installation of the improvements. (s. NR 811.11, Wis. Adm. Code)

2. After construction, maintenance, repair or modification, waterworks facilities shall be disinfected by procedure outlined in the applicable A.W.W.A. standards for wells, water mains, storage facilities or treatment facilities. Waterworks may not be placed in service until bacteriological samples have established that the water is bacteriologically safe. (s. NR 810.09(4), Wis. Adm. Code)

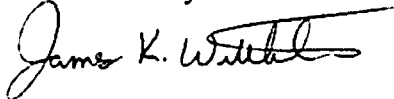
3. Wherever water mains cross over sewers a minimum vertical clearance of 6 inches from the bottom of the water main to the top of the sewer shall be maintained, and wherever water mains cross under sewers a minimum vertical clearance of 18 inches from the top of the water main to the bottom of the sewer shall be maintained, and at crossings one full length of water pipe shall be centered on the sewer so that both joints are as far from the sewer as possible. (s. NR 811.74 (3), Wis. Adm. Code)

Approval constraints: The project was reviewed in accordance with s. 281.41, Wis. Stats. for compliance with Chapters NR 108, NR 810 and NR 811, Wis. Adm. Code and is hereby approved in accordance with s. 281.41, Wis. Stats. subject to the conditions listed above. This approval is valid for four years from the date of approval.

Appeal rights: If you believe that you have a right to challenge this decision, you should know that the Wisconsin Statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. Requests for contested case hearings must be made in accordance with ch. NR 2, Wis. Adm. Code. Filing a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you must file your petition with the appropriate circuit court and serve the petition on the Department within 30 days after the decision is mailed. A petition for judicial review must name the Department of Natural Resources as the respondent.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

For the Secretary



James K. Witthuhn, P.E.
Public Water Engineering Section
Bureau of Drinking Water and Groundwater

Project Plan Reviewer



Benjamin M. Mand
Public Water Engineering Section
Bureau of Drinking Water and Groundwater

cc: Robert Michaelson – Water Systems Manager, Manitowoc Public Utilities (by email)