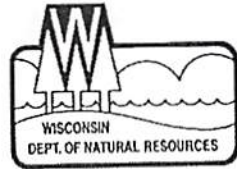


State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



November 20, 2018

CONSENT

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

Project Number: W-2018-0966
Date Received: 10/30/2018
DNR Region: NER

WATER MAIN EXTENSION APPROVAL

Water system name: City of Manitowoc
Engineering Firm: City of Manitowoc
Professional Engineer: Rob Michaelson
Location(s): Water main replacements on the Waldo Boulevard Viaduct

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. Contact DSPS at 608-267-9421 for further information on potential need for plan review.

Alternative criteria were requested and are being granted to exceed the maximum separation distance between valves (s. NR 811.70 (9)) and hydrants (s. NR 811.71(1)) in the project area.

Alternative Criteria:

1. Since the water main being installed is designated as a transmission main with no service connections, valve spacing up to 2300 feet is being allowed. Additional valves on the water main shall be installed to meet the valve spacing requirement of s. NR 811.70(9), if there are any water main or service connections.
2. Since the water main being installed is designated as a transmission main with no service connections, hydrant spacing up to 2300 feet is being allowed. Additional hydrants on the water mains shall be installed to meet the hydrant spacing requirement of s. NR 811.71(1), if the area around the transmission main is developed or if there are any service connections.

Condition(s) of approval:

1. A preconstruction conference shall be held to ensure the understanding of, and compliance with, the approved plans and specifications, the proposed method of erosion control, the duties of the resident project representative, the disinfection and bacteriological sampling requirements of s. NR 810.09(4), Wis. Adm. Code and any special conditions listed below.

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

A handwritten signature in black ink, appearing to read "Marvin M. Hansen". The signature is written in a cursive style with a large, sweeping initial "M".

Marvin M. Hansen, P.E.
Public Water Engineering Section
Bureau of Drinking Water and Groundwater
(608) 266-8697

cc: Rob Michaelson – City of Manitowoc (email only)
Bradley Siefker – Plan Reviewer, DNR, Madison (email only)



November 20, 2018

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

Project Number: W-2018-0966
Date Received: 10/30/2018
DNR Region: NER

WATER MAIN EXTENSION APPROVAL

Water system name: City of Manitowoc
Engineering Firm: City of Manitowoc
Professional Engineer: Rob Michaelson
Location(s): Water main replacements on the Waldo Boulevard Viaduct

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. Contact DSPS at 608-267-9421 for further information on potential need for plan review.

Alternative criteria were requested and are being granted to exceed the maximum separation distance between valves (s. NR 811.70 (9)) and hydrants (s. NR 811.71(1)) in the project area.

Alternative Criteria:

1. Since the water main being installed is designated as a transmission main with no service connections, valve spacing up to 2300 feet is being allowed. Additional valves on the water main shall be installed to meet the valve spacing requirement of s. NR 811.70(9), if there are any water main or service connections.
2. Since the water main being installed is designated as a transmission main with no service connections, hydrant spacing up to 2300 feet is being allowed. Additional hydrants on the water mains shall be installed to meet the hydrant spacing requirement of s. NR 811.71(1), if the area around the transmission main is developed or if there are any service connections.

Condition(s) of approval:

1. A preconstruction conference shall be held to ensure the understanding of, and compliance with, the approved plans and specifications, the proposed method of erosion control, the duties of the resident project representative, the disinfection and bacteriological sampling requirements of s. NR 810.09(4), Wis. Adm. Code and any special conditions listed below.

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.

1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

For the Secretary

A handwritten signature in blue ink that reads "Marvin M. Hansen". The signature is fluid and cursive, with the first name "Marvin" being the most prominent.

Marvin M. Hansen, P.E.
Public Water Engineering Section
Bureau of Drinking Water and Groundwater
(608) 266-8697

cc: Rob Michaelson – City of Manitowoc (email only)
Bradley Siefker – Plan Reviewer, DNR, Madison (email only)

RECEIVED
NOV 26 2018
CITY CLERKS OFFICE