

PI  
4-18-16

16-0316  
**CONSENT**

**RESOLUTION AUTHORIZING EMERGENCY REPLACEMENT  
OF WWTF INFLUENT SCREW PUMP GEARBOX**

**WHEREAS**, the City of Manitowoc owns and operates the Wastewater Treatment Facility (WWTF) located on the shoreline of Lake Michigan at 1015 South Lakeview Drive which treats all sanitary sewage generated in the city; and,

**WHEREAS**, prior to any treatment process the inbound raw sewage must be pumped into the treatment facility from the 60 inch main interceptor by one of three archimedes type screw pumps; and,

**WHEREAS**, the facility's wet weather design is to have two pumps in continuous operation with the third pump in a lag ready state in case of equipment/mechanical issues and to avoid sewer backups, protect public health, and protect personal property from damage; and,

**WHEREAS**, the east screw pump gear box has rapidly become abnormally loud with excessive vibration and has been shut down and tagged for emergency use only in fear of catastrophic failure with the potential for damage to other pump components; and,

**WHEREAS**, Wis. Stat. §62.15(1)(b) authorizes the waiving of public bidding requirements for the repair and reconstruction of public facilities when determined by resolution that the damage or threatened damage creates an emergency in which the public health or welfare of the City of Manitowoc is endangered; and,

**WHEREAS**, the deteriorating condition of the east screw pump gear box puts the treatment facility at a high risk of catastrophic failure.

**NOW, THEREFORE, BE IT RESOLVED**, the City of Manitowoc WWTF Board declares replacement of the gear box to be an emergency in which the public health, personal property, and the receiving waters of Lake Michigan may be compromised unless prompt action is taken; and,

**BE IT FURTHER RESOLVED** that the City of Manitowoc WWTF Board authorizes the WWTF Superintendent and staff to waive bids for the necessary removal, provision, and reinstallation and alignment of a new gear box to return the pumping scheme to its wet weather design and issue purchase orders to competent suppliers and contractors,

which shall be approved by the WWTF Board. The costs of the necessary emergency repairs shall be paid from the WWTF budget and/or its undesignated financial reserves.

**BE IT FURTHER RESOLVED** that this resolution shall remain in effect until the new gear box is installed and functional such that the emergency no longer exists, pursuant to Wis. Stat. §62.15(1)(b).

INTRODUCED Greg J. Minikel 3/15/16  
Greg J. Minikel, P.E.

ADOPTED Greg Wolf 3-15-16

APPROVED Dave Luckow 3-15-16  
Dave Luckow

Approved Steve Brunner 3-15-16  
Steve Brunner

Brian M. Helminger 3/15/16  
Brian M Helminger, WWTF Board Secretary