

MANITOWOC WASTEWATER TREATMENT FACILITY BOARD MEETING MINUTES

Chairperson Brian Rasmussen called the meeting of the Manitowoc Wastewater Treatment Facility Board to order on Tuesday, March 29, 2016 at 4:05 P.M.

Board members present: Brian Rasmussen, Chairperson
 Dave Luckow, Vice Chairperson
 Gregg Wolf
 Dan Koski
 Brian Helminger

Late Arrival: Steve Brunner, 4:09 p.m.

Also present: Mike Jaeger
 Debbie Charney
 Jane Carlson

Board member(s) not present: Jim Brey
 Tim Petersen

PUBLIC INPUT

No public input.

MINUTES

The minutes of the March 15, 2016 Board Meeting were accepted as presented.

Motion by Gregg Wolf to accept the March 15, 2016 Board Meeting minutes and place on file; second by Dave Luckow. Motion carried unanimously.

STATUS UPDATE AND FINAL PROJECT SCOPE DISCUSSION ON WASTEWATER TREATMENT FACILITIES (WWTF) IMPROVEMENTS – JANE CARLSON STRAND ASSOCIATES

Helminger introduced Jane Carlson, Senior Associate of Strand Associates who is the engineering firm of the project, to the WWTF Board Members.

Steve Brunner joined the meeting at 4:09 p.m.

Carlson explained the focus of the project (original scope), which is to address 1974 facilities that were not addressed in the 1998 upgrade. Next discussed were changes to the original scope including an intermediate clarifier option to use the primary clarifier as an intermediate clarifier during dry weather and an increase in the electrical scope by replacing the MCC 930 and updated wiring.

The intermediate clarifier option will allow the removal of sloughed solids from the stack filters before they reach the rock filters and wet well. The sloughed solids form a mat in the wet well creating odors and requiring a vac truck for their removal. The option as a standard primary clarifier maximizes wet weather removal effectiveness and sewage throughput and allows the existing clarifier to be taken out of service for maintenance.

The 930 MCC was removed from the scope early in the process since effluent filtration upgrades looked likely for phosphorus compliance. If phosphorus limits do become stricter

there are mechanisms to achieve compliance in the watershed versus at the treatment plant outfall. Inclusion of the 930 MCC removes the last 1970's vintage MCC panel from the facility. The updated cost with changes is now \$8,871,000, a difference of \$645,000.

Carlson went on to explain there may be potential cost increases for additional piles and pressure relief valves due to soil boring results done on the Primary Clarifier. While there was money for some new piling the results will likely necessitate using some construction contingency monies and there will be a need to tightly control scope/costs moving forward.

An amended schedule was provided with specific dates for:
Design Services from May 31, 2016 to August 31, 2016
Bidding-Related Services from November 30, 2016 to January 31, 2017
Construction and other Services from August 31, 2018 November 30, 2018

Carlson discussed project steps which include: sending out the Design Report to WDNR in April; a site visit in April for site electrical details; and design progress meetings with plant staff between April and July. Drawings and specifications to be sent to WDNR by August with project bidding to take place this winter.

DISCUSSION AND RECOMMENDATION FOR TASK ORDER AMENDMENT NO. 1

Helminger explained to WWTF Board Members that approval is necessary to accept task order changes and will be signed by Council. The Common Council has final approval and is signatory to all contracts.

Motion made by Dave Luckow to approve task order amendment and recommend Council entering into the agreement; second by Brian Rasmussen. Motion carried unanimously.

FINANCIAL STATEMENTS ON WASTEWATER TREATMENT FACILITY FOR FEBRUARY 2016

Helminger reviewed the February 2016 financial statements. February revenue at \$568,000 was very close to February, 2015 revenue which was \$572,000. Hauled waste revenue was just over \$16,500 for the month and the highest industrial contributor for the month was Briess at \$34,750. Line item 484900 was explained by Helminger to be revenue from lab services completed for Reedsville Utility. All activities are otherwise normal for this time of the year.

Motion by Gregg Wolf to accept the February 2016 financials as presented and place on file; second by Dan Koski. Motion carried unanimously.

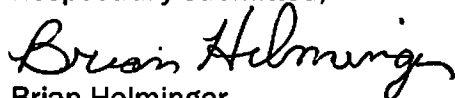
PLANT REPORT FOR FEBRUARY 2016

Mike Jaeger reviewed the plant report discussing the work projects completed and effluent discharged for the period of February 1st to February 29th, 2016.

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Motion to adjourn made by Dave Luckow; second by Brian Rasmussen. Meeting adjourned at 4:53 P.M.

Respectfully submitted,



Brian Helminger
Secretary, WWTFB
BH/dac
Copy: City Clerk's Office