

MANITOWOC WASTEWATER TREATMENT FACILITY BOARD MEETING MINUTES

Gregg Wolf, Chairperson, called the regular meeting of the Manitowoc Wastewater Treatment Facility Board to order on Tuesday, February 14, 2012 at 4:02 P.M.

Board members present: Gregg Wolf, Chairperson
 Jim Brey
 Dave Luckow
 Val Mellon
 Brian Helminger, Secretary

Board member(s) not present: Scott Mertens
 Gary Underwood
 Dale Zahn

Also present: Mike Jaeger

MINUTES

The minutes of the December 13, 2011 Board Meeting required no additions or corrections. Motion by Dave Luckow to accept the December 13, 2011 Board Meeting minutes as presented and place on file; second by Val Mellon. Motion carried unanimously.

FINANCIAL STATEMENTS on WASTEWATER TREATMENT FACILITY NOVEMBER 2011

The November 2011 financials were briefly reviewed. The sewer revenue sheet showed Lakeside Foods as the number one industrial contributor for the month. Hauled waste revenue totaled \$35,725.14 for November. Motion by Jim Brey to accept the November 2011 financials as presented and place on file; second by Val Mellon. Motion carried unanimously.

FINANCIAL STATEMENTS on WASTEWATER TREATMENT FACILITY DECEMBER 2011

The December 2011 financials were reviewed. The sewer revenue sheet showed the billing for outside waste totaled \$25,766.67 for December. Revenue for 2011 was off nearly \$700,000 or 11.1% from budget projections. The months of October and November, both after the Sewer rate increase, were the only months of the year to hit revenue projections. Helminger reviewed several line items, and the reasons why they ended the year overdrawn. Motion by Jim Brey to accept the November 2011 financials as presented and place on file; second by Val Mellon. Motion carried unanimously.

REPORT ON WWTF UNDESIGNATED RESERVES

Helminger briefed the Board on the memo dated January 25, 2012 regarding the history of the undesignated WWTF reserves. This memo was also sent to the Mayor and current Alderpersons informing them of the current level of reserves and the effect on sewer rates when future debt service payments are due to fund obligations for the Clean Water Fund loans. No action taken.

MARCH 2012 – PHOSPHORUS OPTIMIZATION PLAN FOR NPDES PERMIT COMPLIANCE

Helminger informed the WWTF Board that as a requirement of the recently issued NPDES permit, a Phosphorus Optimization needs to be prepared to describe the method and means that will be used

MARCH 2012 – PHOSPHORUS OPTIMIZATION PLAN FOR NPDES PERMIT COMPLIANCE (cont.)

to meet more stringent phosphorus limits required by the NPDES permit. Helminger will contact the DNR and draft an acceptable report detailing treatment options and management practices that will be used to meet the 0.6 mg/L effluent phosphorus limit.

OPERATIONAL NEED REVIEW (ONR) FOR CURRENT NPDES PERMIT TERM

Helminger briefed the Board on some specifics relating to an Operational Needs Review (ONR) for the WWTF as compared to a full blown Facilities Plan. The recent reissuance of the NPDES permit requires various stages of compliance with reduced phosphorus limits, the inclusion of an ammonia limit that is pH dependent, and also mandated action on a formal mercury reduction program. An Operational Needs Review is a narrowly focused and shorter duration document that focuses on a shorter time period such as the 5 year duration of a NPDES permit. The purpose of the report would be to identify potential process and equipment issues that may cause permit compliance violations so they can be planned for and addressed. The effort required for an ONR is lower and so the total cost is most likely less than half that of a facilities plan. I would like the WWTF Board to consider moving forward and fund an ONR in 2012 rather than a full blown facilities plan. Motion by Gregg Wolf to document a scope and prepare an RFP for Board review and possible action; second by Val Mellon.

JANUARY 2012 INFLUENT ZINC CONCENTRATION/ZINC ACCUMULATION IN SLUDGE

Elevated levels of zinc were found in recent influent sample testing. The influent zinc data for January 2012 is more than double what our historical average has been, leading to concern about zinc accumulation in the sludge and threatening our means of disposal and its beneficial reuse on agricultural lands. This single influent data point is in addition to higher than normal zinc concentrations found in our sludge in 3 of the last 4 sampling events.

A letter was sent to all industries in the pretreatment program that monitor and are limited in the amount of zinc that can be discharged.

PLANT REPORT

Jaeger reviewed the plant report operating parameters, work completed, projects and the effluent discharged for the months of November and December. No action taken.

Motion to adjourn made by Dave Luckow; second by Val Mellon. Meeting adjourned at 5:03 P.M.

Respectfully submitted,

Brian Helminger
Secretary, WWTFB

BH/jma
Copy: City Clerk's Office