

## **MANITOWOC WASTEWATER TREATMENT FACILITY BOARD MEETING MINUTES**

Gregg Wolf, Chairperson called the meeting of the Manitowoc Wastewater Treatment Facility Board to order on Tuesday, October 8, 2013 at 4:00 P.M.

Board members present:                    Gregg Wolf  
   Jim Brey (arrived at 4:20PM)  
   Craig Haan  
   Dan Koski  
   Dave Luckow  
   Dale Zahn  
   Brian Helminger, Secretary

Also present:                                    Mike Jaeger

Board member(s) not present:

### **PUBLIC INPUT**

No public input.

### **MINUTES**

The minutes of the August 13, 2013 Board Meeting required no corrections. Motion by Dale Zahn to accept the August 13, 2013 Board Meeting minutes as presented and place on file; second by Dave Luckow. Motion carried unanimously.

### **FINANCIAL STATEMENTS on WASTEWATER TREATMENT FACILITY JULY 2013**

The July 2013 financials were reviewed. Hauled waste revenue totaled \$20,603.57 for the month of July and the budget line has exceeded the revenue budgeted for 2013. Line 511500 for seasonal employees was not funded in 2013 but funds were included in line 511100 Salaries and Wages for regular employees. Motion by Dave Luckow to accept the July financials as presented and place on file; second by Dan Koski. Motion carried unanimously.

### **FINANCIAL STATEMENTS on WASTEWATER TREATMENT FACILITY AUGUST 2013**

The August 2013 financials were reviewed. No budget line balances were discussed. Hauled waste for the month totaled \$17,479.84. Motion by Jim Brey to accept the August financials as presented and place on file; second by Dale Zahn. Motion carried unanimously.

### **MEDIUM VOLTAGE CABLE EMERGENCY REPAIR**

Helminger discussed what happened and the actions taken to restore reliable power to the south end of the facility. The old cable failed and the redundant cable did not test out to be placed into service necessitating diesel generator provide power until new cables were pulled, tested, and placed into service. Midwest Testing supplied a detailed report on the failure and everything that went into the repair. Helminger noted there are still 2 sets of 1974 vintage cable at the WWTF. They are parallel cables from building 500 to building 800 and parallel cables from the 100 building transformer to the 930 building. A plan will need

to be developed that includes the testing and replacement of underground electrical cable. Invoice cost was nearly \$200,000 and didn't include all expenses incurred by the WWTF.

### **SEPTEMBER 11, 2013 DNR MEMO - PHOSPHORUS**

Helminger discussed the potential implications of a letter received from the DNR regarding phosphorus regulations for Great Lakes dischargers. The context of the letter makes it appear unlikely the current interim limit of 0.6 mg/L will be changed in the successor permit for the WWTF.

### **PARKSON DSF PILOT STUDY**

A Parkson Corporation rep has approached the WWTF about doing a long term pilot study on equipment being used to achieve ultra low level phosphorus removal from wastewater effluents. City Attorney Boston was consulted and would require an indemnification agreement prior to coming on site with the demo unit. WWTF staff will be exposed to emerging technologies that are sure to become common in the future. This technology may be necessary in the future if permit requirements change in the NPDES permit. The feasibility of this equipment along with chemical feed rates will be established and would be used for any future planning for a large scale process change. Motion by Jim Brey to accept the pilot plant subject to satisfaction of the City Attorney; second by Dan Koski. Motion carried unanimously.

### **PLANT REPORT**

Jaeger reviewed the plant report discussing the operating parameters, work completed, projects and effluent quality for the period August 1, to September 27, 2013. All effluent discharge parameters were met. Leakage of water into the Stack Building was discussed along with a TREMCO proposal to make upper level roofing improvements and install a urethane costing system inside each stack filter. Motion by Jim Brey to accept the proposal from TREMCO for the additional repairs; second by Dave Luckow. Motion carried unanimously.

Motion to adjourn made by Craig Haan; second by Dave Luckow. Meeting adjourned at 5:05 P.M.

Respectfully submitted,

Brian Helminger  
Secretary, WWTFB

BH/jma  
Copy: City Clerk's Office