

PORT & RESOURCE RECOVERY DEPARTMENT



2561 SOUTH BROADWAY
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DEAN R. HAEN

DIRECTOR

PROCEEDINGS OF THE BROWN COUNTY SOLID WASTE BOARD

A regular meeting was held on **Monday November 27th, 2017**
Brown County Resource Recovery Facility, 2561 S. Broadway, Green Bay, WI

1) Call to Order:

The meeting was called to order by Solid Waste Board Chair John Katers at 2:31 pm.

2) Roll Call:

Present: John Katers, Chair
Mark Vanden Busch, Vice-Chair
Ryan Holzem
Norb Dantine
Bill Seleen
Doug Martin

Excused: Dave Landwehr
Mike Van Lanen

Unexcused: Bud Harris

Also Present: Dean Haen, Brown County P&RR
Chad Doverspike, Brown County P&RR
Mark Walter, Brown County P&RR
Shelby Schraufnagel, Brown County P&RR
Mike Geiger, Town of Holland
Chris Anderson, Foth
Brian Roebke, Wrightstown Spirit
Jim Crawford, Wrightstown Resident

3) Approval/Modification – Meeting Agenda – *Request for Approval*

A motion to approve the agenda was made by Norb Dantine and seconded by Doug Martin. Unanimously approved.

4) Approval/Modification – Meeting Minutes of September 18th, 2017 - *Request for Approval*

A motion to approve the September 18th, 2017 meeting minutes was made by Bill Seleen and seconded by Mark Vanden Busch. Unanimously approved.

5) Announcements/Communication

The Department budget was approved in November 1st.

Three Solid Waste Board members were reappointed by the County Executive, Bill Seleen, Ryan Holzem and Bud Harris. Ryan Holzem will be moving outside of Brown County and is resigning from the board.

6) Election of Officers

Norb Dantine nominated John Katers as chairman.

A motion was made by Norb Dantine and seconded by Bill Seleen to close nominations and cast a unanimous ballot for John Katers as chairman. Unanimously approved. John Katers abstained from voting.

John Katers nominated Mark Vanden Busch as vice-chairman.

A motion was made by John Katers and seconded by Ryan Holzem to close nominations and cast a unanimous ballot for Mark Vanden Busch. Unanimously approved.

7) Third Quarter 2017 Budget Status Report – Request for Approval

Mr. Haen reviewed the third quarter 2017 budget status report.

A motion to approve the Third Quarter 2017 Budget Status Report was made by John Katers and seconded by Norb Dantine. Unanimously approved.

8) PFM Financial Service Contract – Request for Approval

PFM manages Department long-term financial investments. Majority of funds managed are on the Solid Waste side. PFM has been managing our long-term investments for three years. The Treasurer recommends continuing to work with PFM for another two years. The Treasurer believes the Treasurer's Office can outperform PFM's investment performance, but unable to handle the responsibility at this time. Brown County will reconsider in 2019.

A motion to approve the PFM Financial Service Contract was made by Doug Martin and seconded by John Katers. Unanimously approved.

9) Agreement Between Brown County and Outagamie County and Fox River Fiber Amendment #3 – Update

Brown County has executed a memorandum of agreement with Outagamie County and amendment #3 with Fox River Fiber resolving years of dispute. All parties including Winnebago County are in agreement and fully aware of the documents.

In summary, Outagamie County agreed to accept Fox River Fiber sludge through the end of the Northeast Landfill and all three Counties agreed to restart the BOW regional planning effort as required by the Cooperative Landfill Plan.

Chairman Katers asked what the rationale is to continue at Outagamie County as the receiving county. Mr. Haen stated that this and other options will be explored and vetted. Any change to the existing plan will require approval by all three counties. .

Mr. Seleen asked during these director meetings is this the time to bring another county into the partnership. Mr. Haen stated yes that will be evaluated and may be a recommendation of the effort.

Chairman Katers suggested that the three counties' Solid Waste Board's should get to hear from the three directors so there is no confusion.

Mr. Seleen asked what Mr. Haen envisions the results will be. Mr. Haen stated that he believes millions of tax dollars are saved with all three counties benefiting by the partnership. Any future cooperative effort will have to be financially beneficial and legally executed, until then BOW will operate under the terms and conditions of the current agreement.

10) 2016 BOW Report – Update

Mr. Haen reviewed the 2016 BOW Report that Schenk and Associates put together.

Landfilling costs in 2016 were \$20/ton. 2017 landfilling costs are projected to be significantly higher because of Phase 3 construction during 2017.

Brown County is responsible for just under 40% of BOW recycling.

The recycling market is projected to worsen at the beginning of 2018. China was the primary recycler for paper and plastics in the U.S. and around the world. China will be closing their recycling market to most imported recycling. There is no longer a market for recycling plastics 3-7.

11) GTE Transition Plan – Update

Mr. Doverspike reported that there has been a Gas-To-Energy facility at the East Landfill since 2009. There is a 10-year power purchase agreement. The agreement will end at the end of 2018. To extend the agreement the price per kilowatt will decrease from \$0.7/kilowatt to \$0.3/kilowatt. A facility cannot be operated for that cost. The facility will be shut down no later than December 31, 2018.

Foth did an analysis and provided four options. Option 1, install a new flare skid; Option 2, replace existing blower and modify the flare; Option 3, modify existing flare and existing fan; and, Option 4, refurbish existing flare system. The option Foth recommended will cost a few hundred thousand dollars.

The facility will run as long as possible. A month or two before the shut down a decision will be made on the option selected.

12) BC Organics, LLC Anaerobic Digester – Update

The anaerobic digester is about a \$60 million project. BC Organics received a \$15 million grant from the State. BC Organics would like to rent non-landfill land that Brown County owns in the Town of Holland. Brown County and the Solid Waste Board are interested in this project with

proximity to the landfill. A draft lease was sent to BC Organics. Leasing land in close proximity to the landfill creates many synergies for management of Brown County landfill gas. Conditions will be negotiated in land lease to provide County owned gas to the digester for processing and transmission as pipeline quality gas.

13) South Landfill

a. Landfill Transaction – *Update*

The land transaction with County Aire Farms was set for approval at PD&T on November 27th. The item was pulled from the agenda at the request of Country Aire Farms. County Aire Farms now wants an appraisal done before advancing the land transaction document. The appraisal is estimated at \$5,000 for each party.

b. SLF Update on Wetland Delineation & Leachate Management – *Update*

A wetland delineation was done as part of the original landfill siting and permitting. Since then wetland regulations have changed. A new wetland delineation was completed this summer showing new areas of wetlands on the South Landfill property. The County will need to work with the WDNR to determine whether wetland mitigation will need to be completed.

Regarding leachate management, the Department spent approximately \$1 million in Ledgeview to build a pipeline to connect the East Landfill leachate to the DePere waste water treatment system. Other users along the pipeline right of way are required to hook up to the sewer line. . The Department was also told in writing by the City of De Pere that all leachate from the east & future south landfill could be unloaded at the leachate unloading station. The County is working with NEW Water, City of DePere and Town of Ledgeview to resolve and figure out how and where South Landfill leachate will get into the system.

A motion to open discussion to the public was made by Norb Dantine and seconded by John Katers. Unanimously approved.

Mike Geiger, supervisor for the Town of Holland, asked when the first truck will bring material to the South Landfill. Mr. Haen stated that construction is planned to begin in 2020 and the landfill should then be available for use by 2022. This is contingent on the life of Outagamie County landfill.

Mr. Geiger asked if any other county is being considered as an additional partner. Mr. Haen stated that Kewaunee County landfill is closing and their waste will need to go somewhere. He also stated that semi's will be trucked to the landfill as opposed to small haul vehicles. About 20 semis from both Brown and Outagamie County and 14-15 semis from Winnebago can be expected at the future South Landfill.

Mr. Geiger asked if there is a landfill plan after the South Landfill. People are concerned that Brown County will continue to build landfills on this site. Mr. Haen stated that no other landfill is planned or permitted at this time, but landfills continue to be necessary.

Mr. Geiger asked about the gas that will come out of the digester. Chairman Katers stated that it is the same gas that comes from the landfill, however, it will be made into

pipeline quality and it wouldn't be used to create electricity. Mr. Geiger and other Town of Holland residents do not want the digester to come to the town, other than the farmers that are directly involved. They are concerned Sanimax will move to the town as well then. Chairman Katers does not believe they would do this. Mr. Geiger stated that using manure for the digester is 90% less effective than other materials. Why would Dynamic continue preparations when knowing this information? No board members could answer this on behalf of Dynamic. The town fears more operations will come to the area if the digester is built.

Jim Crawford, Denmark, lives across from the sludge digester in Denmark. NEW Water told him that the stream with the highest concentration of phosphorus comes from the Wrightstown area, most likely the sludge digester. He suggests to immobilize the phosphorus by placing it in the landfill and figure out the cost to dewater the sludge. Chairman Katers stated that this is what Fair Oaks Farm in Indiana does. They send their sludge cake to a fertilizer plant.

A motion to return to regular order of business was made by Norb Dantine and seconded by John Katers. Unanimously approved.

c. SLF Groundwater Monitoring – Update

The Department was advised to obtain another two years' worth of baseline monitoring of all the wells around the landfill. Badger Laboratory and Engineering won the quote for a price of \$45,600.

14) Director's Report

The Town of Holland and local farmers requested the Department to determine the potential for a southern exit onto Lamers-Clancy road for the future South Landfill. The analysis was done by Foth at a cost of \$5,000. The analysis determined a southern exit is possible when considering wetlands, landfill features and operating within the ATC easement. The cost of additional internal haul roads for a southern exit and upgrades to Lamers-Clancy Road were preliminarily estimated at \$1.8M.

At the Tri-County recycling facility a new labor contract is being worked through. Valley Packaging Industries and Lead Point are the two competing companies. Once a decision is made it will be presented to the Solid Waste Board.

15) Such other Matters as Authorized by Law

No other matter

16) Adjourn

A motion to adjourn was made by Norb Dantine and seconded by John Katers. Unanimously approved. Meeting adjourned at 3:56 pm.

John Katers, Chairman
Solid Waste Board

Dean R. Haen, Director
Port & Resource Recovery Department