

PORT & RESOURCE RECOVERY DEPARTMENT

Brown County

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DEAN R. HAEN
DIRECTOR

PROCEEDINGS OF THE BROWN COUNTY SOLID WASTE BOARD

A regular meeting was held on **Monday April 20, 2015**
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 Vice-Chair Mark Vanden Busch at 2:30 pm.

2) Roll Call:

Present: Mark Vanden Busch, Vice-Chair
Dave Landwehr
Ken Pabich
Lisa Bauer-Lotto

Excused: John Katers
Mike Van Lanen
Bud Harris

Absent Norb Dantine

Also Present: Dean Haen, Brown County
Chad Doverspike, Brown County
Mark Walter, Brown County
Chris Blan, Brown County

3) Approval/Modification – Meeting Agenda

A motion to approve the meeting agenda was made by Dave Landwehr and seconded by Ken Pabich. Unanimously approved.

4) Approval/Modification – Meeting Minutes of March 16, 2015

A motion to approve the meeting minutes of March 16, 2015 was made by Ken Pabich and seconded by Dave Landwehr. Unanimously approved.

5) Announcements/Communication

Mr. Haen announced the County Executive's appointment of Bill Seleen to the Solid Waste Board will be before the County Board at the May meeting for approval.

6) South Landfill/Resource Recovery Park Project by Foth Companies – Update

- C&D Recycling Memo #4
- Appendix G Waste to Energy Options

Mr. Haen said that this would be the last update from Foth; he is asking Foth to come next month to give a presentation that will include all five memos and other information that has been gathered regarding the South Landfill and resource recovery park evaluation. Memo #4 on C&D Recycling seems to be feasible and could be considered as part of the South Landfill development. This is one of the only technologies that came back as being favorable at this time.

Mrs. Lisa Bauer-Lotto asked what happens with the material after it is collected. Mr. Haen explained that 40% is recycled into new products or applications with the balance landfilled as an alternative daily cover or other beneficial use.

Appendix G provides a waste-to-energy technology review very similar to what the Department did internally through the BOW Waste Technology Committee using a University of Wisconsin-Green Bay student who worked for Dr. Katers. Foth did additional research themselves on different Waste-to-Energy options and came up with a summary of possible technologies including gasification, mass burn, plastic to fuel, pyrolysis, and plasma arc that generally prove to be very expensive and less than proven technologies, but over time some may become more commercially viable and may be taken advantage of in the future.

7) Standard Operating Procedures for Port & Resource Recovery Department Funds Managed by PFM Asset Management, LLC and Brown County Treasurer's Office. – Update

Mr. Haen explained that the county interest rate for Department investments had been averaging 0.5% over the last several years. The return on investment needed to be improved and the issue was taken to the County Executive, Administration and County Board, who allowed Department funds to be segregated and administered separately. Initially Department funds were separated from money market funds and their rates, resulting in improved performance. Additionally, the County issued a RFP and awarded to Public Financial Management Asset Company to invest Department money (including Port funds) in longer term investments within the risk management limits set by Wisconsin to improve interest. Recently and going forward \$24M in investments will be rolled into investment strategies of PFM. \$2.4 million of these funds belongs to the Port, who has benefited by the efforts on the Resource Recovery side. Parameters were given to PFM to invest incrementally so everything is not tied up; \$1 million will always be available to use. Right now a lot of it is in short term accounts with the belief that interest rates are going to rise in the next four to five months. PFM has asked the Departments' (including Finance and Treasurer) opinion during investing and have been cooperatively working to ensure that the money is being placed in the right types of investments. In addition, there are investments coming due in 2020 when the South Landfill will need money. PFM is aware that discussions may be held that could result in staying at Outagamie County longer. If this should happen the \$10M needed to construct the south landfill could be reinvested long term. Internal County standard operating

procedures need to be created to anticipate and minimize any confusion with doing business with PFM. It will take about a year to work through this operationally.

Mr. Vanden Busch asked if there was any risk to principle. Mr. Haen explained that state guidelines have to be followed; these investments cannot be in the stock market, they are in bonds, CD's, etc. Mr. Vanden Busch added that even with bonds the value of the principle will drop as the rates go up. He also asked that if money was needed before the bonds matured is there a way to cash in early, could there be less than what was thought.

Mr. Haen explained that all of the money was not moved, there is over \$30 million in total. The difference will be held in more liquid accounts to hopefully minimize any need for funds and payment of early withdrawal penalties. Mrs. Bauer-Lotto stated that even with bond principle the hope is that over time you have some gap fluctuation that your earning would help you with any upset. Mr. Landwehr added that because of it being longer term, any fluctuation would be rather insignificant. Also, there is the security of the Treasurer's office spearheading this seeing as how it is their expertise. He asked if there was any indication given as to what their goal is. Mr. Haen responded that 2% return on investment was the goal stated in the RFP. However, that will not be seen right away because the money has to be rolled in gradually. Mr. Doverspike asked if the Department was getting 0.5% now. Mr. Haen said that they are getting more than 0.5% because as of just this past year they did not add all this money to the money market rate. Treasurer's office figured out the interest rate twice, the Department with longer term investments and everyone else. This will have its own interest rate that will be specifically applied to us and will not be factored into anyone else in the county's money. Mr. Doverspike added that this will be a good comparison of past years.

8) HHW VSQG Dental Amalgam Effort – Update

Mr. Blan introduced the topic. In 2006 Green Bay NEW Water created chapter 12 of the waste water ordinances to require dentist offices to put in mercury amalgam traps to reduce and eventually eliminate the amount of mercury that gets into waste water. Part of the ordinance requires surveying and recording done by the dental offices to be sent to NEW Water. In cooperation with their effort, HHW for Brown County has discussed implementing an amalgam trap disposal program. After research and consideration, the amalgam trap disposal program will be feasible for HHW. The current market rate for a mail-back program for a five-gallon pail is \$220 - \$350 per pail. The rate Mr. Blan is looking at is \$150 - \$160. HHW has an outlet to dispose of the amalgam traps through Lamp Recyclers in their medical division LRI and then through Mercury Waste Solutions where the amalgam trap would go through a retort to get the mercury recycled. A marketing effort has been made with representatives from NEW Water. The goal is to use the publicity from Household Hazardous Waste Awareness Week to issue a press release with the hope that they would be able to get a dentist to do an interview on-site with media. The focus is on HHW and how they support small businesses in Northeastern Wisconsin.

Mr. Haen asked what we would charge for that mercury. Mr. Blan clarified that it would be \$150 - \$160 per five-gallon pail. A typical dentist generates 2 or 3 five-gallon pails a year.

Mr. Walter explained that this is a program that NEW Water has wanted to push in order to measure the amount of mercury that is actually being pulled out. He added that there are mail back programs already in place for larger dental offices that pay \$220 - \$350 with Lamp

Recyclers to do collections on site. HHW would charge less and would reach out to the smaller dental offices. NEW Water will provide publicity for this program. Along with that NEW Water is paying for a lot of the cost for publicity.

Mr. Landwehr asked about how much it would cost to dispose of the amalgam material after it is brought to us. Mr. Blan responded that it would cost \$90 for us to dispose of. The lower cost makes up for the travel time for an employee to come to our facility to drop off their amalgam as opposed to having it picked up on-site using a mail-back program. It would be similar to the mail back program, they would bring the amalgam material and they would be sent back with a kit which they would bring back next time. This will help to establish and sustain a customer base.

Mr. Haen explained that VSQGs are very important to the effort to grow HHW, for every dollar that is taken in with VSQG that offsets a dollar that is paid on the household side. With a 40% markup on the VSQG side it offsets on the household side and we do not have to charge our residents to use the facility then.

9) Fox River Fiber Notice of Claim – Update

Mr. Haen explained that Fox River Fiber provided the Department with a Notice of Claim. Corporation Council sent Fox River Fiber a letter saying that the Department is not in breach of contract. There are DNR regulations that BOW landfill must stay in compliance with and may conflict with compliance with the contract with Fox River Fiber, resulting in a violation with the state or possibly a breach of contract. A meeting with Fox River Fiber will be held tomorrow April 21. He wants Fox River Fiber to recognize all of the other business dealings that they have with the County. This notice of claim could jeopardize their relationship with the whole County.

Mr. Landwehr asked how many more years they are in the contract. Mr. Haen said that there are still 15 more years of this contract.

10) Compactor and Building Expansion – Update

Mr. Doverspike stated that Badgerland Building will be putting the compactor on the south side of the tip floor. There has been work with WPS to put a power line in from the road to the southwest corner. The purchase order is in for the compactor itself with breaking ground beginning the first week of May. There is about a 10-12 week window and compactor lead time is about 9 weeks from whenever the purchase order is issued. Hopefully by the middle of July it will be installed.

11) General Engineering RFP – Update

Mr. Doverspike reminded the board that at the last meeting the general engineering RFP went out. The RFP was due last week Wednesday, April 15. The first meeting with the five member scoring team was this morning. Mr. Doverspike, Mr. Walter, Bill Bosiacki from the Zoning Department, Doug Marsh from Public Works, and Craig Berndt from Allouez are on the scoring team. At the meeting this morning they agreed to a review and have all reviews done by Wednesday April 29. There were seven vendors who came back with proposals. If interviews are needed they will be held on May 15th.

Mr. Haen asked which vendors were on the list. Mr. Doverspike said that Robert E. Lee, Ayres, Foth, GEI, TRC, Conestoga-Rovers, and CWE submitted proposals. At least four or five are from Brown County and that is of importance and that the Department has worked with several of them in the past.

12) BOW Shingle Recycling Effort – Update

Mr. Doverspike gave this update. On the south side of the transfer station they are looking to insert a 50' x 60' concrete pad which will take four weeks. If the Highway Department is chosen for this project it would not be required to go through the formal process of choosing a vendor. This will be a place to put both clean shingles and dirty shingles on. He is looking at having it large enough that if a wood waste program is started there is a stall or bin there. The main power for the transfer station comes in overhead through the power pole and then underground to the Transfer Station. The power pole will have to be moved; this will cost \$7,500 through WPS. It will give an additional 20' x 20' space. One of the contract terms is that there cannot be more than 100 tons of shingles on-site at any time. GAD will be hauling the shingles; as soon as they get 25 – 50 tons of shingles they will be moving them right away.

Mrs. Bauer-Lotto asked what kind of time that would represent. Mr. Doverspike explained that last year they took in from May – September about 1000 tons a month. Some volumes last year were up to 100 tons a day.

Mr. Haen added that using the Highway Department will not be more expensive; they are right in line with other vendors.

13) 2014 Industrial Achievement Award – Update

Mr. Doverspike explained that the award was given to the Department by Green Bay NEW Water. It acknowledges that everything that was sent to them from the East Landfill to the waste water treatment center is under pretreatment standard and compliance and that all reports were submitted to them on time.

14) Director's Report

Mr. Haen gave the board a copy of the first quarter budget status report. It showed that all revenues and expenses are in line with first quarter expectations.

Mr. Haen discussed an Assembly bill that will change the financial responsibility for landfills. It is unknown if it has passed. If this should get passed it would be a good thing or the County in terms of the landfill and for the Port use of letter of credits. The County is required to buy letters of credit unlike a private company that can use corporate stock valuations.

The recycling guide was distributed in Saturday's paper. It will be distributed to communities this week. The Nature Pathway's magazine is a free publication available for Outagamie, Winnebago and Brown County. Between these two documents it is great publicity and it should help to boost recycling.

15) Such other Matters as Authorized by Law

No other matters as authorized by law.

16) Adjourn

A motion to adjourn was made by Ken Pabich and seconded by Dave Landwehr. Unanimously approved. Meeting adjourned at 3:19 p.m.