

NEW RIVER SOLID WASTE ASSOCIATION
REGULAR BOARD MEETING MINUTES
August 13, 2015

The New River Solid Waste Association Board of Directors met in regular session on August 13, 2015 with the following members present:

Commissioner Mark Hartley, Chairman
Commissioner Eddie Lewis, Secretary/Treasurer
Commissioner Gordon Crews
Commissioner Jimmy Tallman
Commissioner Kenny Thompson

Others present were: Darrell O'Neal, Executive Director
Perry Kent, Assistant Director
Melissa Waters, Chief Finance Officer
Lydia Greene, Office Manager/Admin. Asst.
Russell Wade, Attorney

Chairman Hartley called the meeting to order which was followed in prayer led by Chairman Hartley and the Pledge of Allegiance.

Chairman Hartley called for a motion on agenda item #2, Approval of Expenditures for May, June and July 2015. Commissioner Crews made a motion to approve the expenditures for April 2015. Commissioner Lewis seconded the motion. The motion carried unanimously.

Chairman Hartley called for a motion on agenda item #3, Approval of Finance Committee Meeting Minutes for May 14, 2015 and the Regular Board Minutes for May 14, 2015. Commissioner Lewis made a motion to approve the minutes for the Finance Committee Meeting and Regular Board Meeting Minutes for May 14, 2015. Commissioner Crews seconded the motion. The motion carried unanimously.

Chairman Hartley asked if there were any questions or comments from the public. Mr. Todd Sandlin, RingPower, presented New River with a framed article from SWANA's Talking Trash magazine written about the CAT compactor field test that was conducted here at NRRL in 2014. Mr. Sandlin told the board that the lead CAT researcher, Mark Welch, had conducted many tests world-wide and his comment was that the study done

at New River Regional Landfill was the best he had ever done and that this was the cleanest and most organized landfill with an unbelievable staff. The board thanked Mr. Sandlin for the comments and presentation.

Chairman Hartley called for discussion of agenda item #5, Engineering Updates. Mr. Steve Laux, Jones Edmunds, said for Item A, Phase II Bridge Crossing Update, the box culverts had been installed and right now the weather has been slowing down the project but that the concrete work has begun.

Mr. Laux said Item B is work order #62 for Landfill Gas to Energy Engineering. This work order provides engineering technical oversight, assistance with the Title V permitting for the project and to help with the interconnect agreement. The work order is in the amount not to exceed \$30,000.00. Commissioner Lewis asked if this amount was already in the budget. Mr. O'Neal confirmed that it was in the budget.

Chairman Hartley called for a motion to approve engineering work order #62 in the amount not to exceed of \$30,000.00. Commissioner Lewis made a motion to approve the work order as presented. Commissioner Crews seconded the motion. The motion carried unanimously.

Mr. Laux said that the EGC closure which has been discussed previously with the board and will be a cost savings for New River has been approved by DEP for final cover. Mr. O'Neal said that there will be some additional cost for dirt and sod once the EGC reaches 50% of it's expected life, so there will be some cost later which will need to be planned for. Mr. Laux added that the life of the EGC liner is expected to be 80 years or more.

Commissioner Lewis asked if we had purchased the fusion welder yet. Mr. O'Neal said that we had been waiting on closure to be approved and now that it has, we will be looking at purchasing the welder next year.

Chairman Hartley called for discussion of Agenda Item #6, LGTE Project – Alan Beer. Mr. Beer said he was glad to be able to talk about progress at tonight's meeting and not about attorneys and contracts. The first phase is called Basis of Design. This is where all parties agree what the plant will look like and he has brought several drawings to show the board. Currently the plant will have 2 generators with space for a 3rd generator later. It will have an enclosed building with exhaust and silencers outside. There will be an office, bathroom and electrical room with a window to the generators. The office will have a viewing window for tours and other viewing needs. Mr. Beer said the drawing also shows the line to Clay Electric. There was a site visit with Clay Electric last week that went very

well and they are eager to get this project done as New River's project will be the largest renewable source on their system. Mr. O'Neal added that it was good to hear Clay Electric's excitement about our LGTE project and the meeting was very positive. Mr. Beer said that the line will run through Clay Electric to Seminole Power and that the PPA will be with Seminole. Commissioner Lewis asked how we would get our electricity in the lines. Mr. Beer said there will be a transformer going in and a transformer going out. Chairman Hartley asked the expected start date. Mr. Beer said that we have started and that the first part of the project is the design which should be completed by December 15th and construction should start first of the year.

Chairman Hartley called for discussion of agenda item #7, Presentation on UF Food Waste Compost/Biodigester Demonstration Project with NRRL. Mr. O'Neal said we are working with UF's physical plant folks who will collect food waste and bring it to New River for a demonstration project conducted by Max Kraus, UF PHD student, College of Environmental Engineering. Max said that he had brought a presentation of the history of the projects conducted at New River which includes the latest project which is the food waste biodigester demonstration project. Max said that the bioreactor demonstration project was the beginning of the collaboration between New River and UF and other organizations and set a precedent nationally and internationally for bioreactor research. Max added that there have been 20 graduate students who have obtained their degrees by doing their research with New River. Max said he will soon become the 10th student with a PHD from working at New River. Max said there are also a number of research papers connected to New River projects. Max stated he was also involved in the compaction study with CAT using pressure plates to show compaction results. Max said he has been working on a research project using whole waste tires in the landfill instead of aggregate material for vertical gas pipes and for conduit for leachate lines in the waste. This benefits the landfill in savings by not having to buy the aggregate material and by not having to pay for waste tire disposal. This study also provides for the ability to increase our gas collection in cells faster. Mr. Kent added that we are also saving money by not paying to have a drill rig come to install the gas wellheads. Max said that the newest demonstration project has to do with using food waste from UF brought to New River and placed in a buried 40 yard rolloff container which is closed up with a lid that was custom made by New River. The container will be plugged directly into the existing gas extraction system. Max stated this

project came about after discussions with the UF physical plant and Alachua County and is a unique organics management system using anerobic digestion. UF has set a zero waste goal and wants to divert 90% of their waste from the landfill with food waste being a large part of that. UF has agreed to send part of their food waste to New River for this project. The idea will be to mix the food waste with yard waste and extract the methane gas. The resulting product should be a useable soil amendment or could be a sellable material. This project could also result in being able to attract new customers to New River who are looking to divert their food waste. Max said it has been a great experience working at New River for the past 3 years. The board thanked Max for his presentation.

Chairman Hartley called for discussion for agenda item #8, Discuss Semi-Annual Limerock Quotes for July through December 2015. Mr. O'Neal said that we have gotten semin-annual quotes for limerock and that typically the board approves all of the quotes received. When we need the material the company with the lowest quote is contacted first.

Chairman Hartley called for a motion to approve the semi-annual limerock quotes. Commissioner Lewis made a motion to approve the quotes submitted for regular and big rock. Commissioner Thompson seconded the motion. The motion carried unanimously.

Chairman Hartley asked for discussion for agenda item #9, Discuss Pre-Order of 826K Compactor. Mr. O'Neal said that we have done this in the past due to the time it takes to build the compactors. The purchase of the new compactor has been approved and is in the budget for next year but CAT needs the written purchase order now. Mr. Sandlin stated it would take 3-4 months to build the new compactor. Commissioner Lewis asked if the purchase would be piggybacked off something else. Mr. Kent said this is a state contract price and that it would be delivered next year, all CAT needs now is the purchase order.

Chairman Hartley called for a motion to issue the purchase order for the pre-order of the new compactor to be delivered next fiscal year. Commissioner Lewis made a motion to issue the purchase order to pre-order the new compactor. Commissioner Crews seconded the motion. The motion carried unanimously.

Chairman Hartley called for discussion of agenda item #10, Discuss Damage to 2010 336 Excavator. Mr. O'Neal stated that there was an accident with the trackhoe which slipped into a pond while under operation

and stayed in the water for about a week. Mr. Kent said that the backhoe was being used to rework the banks. The amount of rain received caused the clay bank to let the machine slide into the 24 foot deep pond. Mr. Kent stated that the pond had to be drained to allow for the backhoe to be recovered. It was sent to RingPower where the insurance company determined it was a total loss. Mr. Kent said the machine was about 5 years old with about 6000 hours on it and was due to be replaced next year. The insurance company gave us a total loss coverage of \$106,000 for the machine. Mr. Kent said that we have rented another trackhoe from CAT as we have to have one in operation. The rental is a new machine under state contract and what we would like to do is purchase the rented trackhoe we have instead of the wheel loader that was approved for purchase next year. The rental money that we have spent on the backhoe will be applied toward it's purchase price. Commissioner Lewis asked if the purchase of the new backhoe would be made with the wheel loader money, insurance money and rental money. Mr. O'Neal stated that was correct.

Chairman Hartley asked for a motion to approve purchase of the new excavator as presented. Commissioner Lewis made a motion to approve the purchase of the new backhoe. Commissioner Thompson seconded the motion. The motion carried unanimously.

Mr. Kent added that RingPower will be coming to conduct a safety meeting for our employees on equipment operation around ponds and that fortunately our employee wasn't hurt in the accident.

Chairman Hartley asked for any discussion under agenda item #11, Alachua County Issues/Items. Mr. O'Neal stated that Ms. Palmi was not here tonight. Mr. O'Neal added he has shared a letter with the board emailed from a citizen in the Keystone area with a complaint about the discontinuing of plastic recycling. Mr. O'Neal said he understands that Ms. Palmi has spoken with Bradford County about options for plastic recycling.

Chairman Hartley called for discussion of agenda item #12, Attorney Issues/Items. Mr. Wade said he did not have anything for discussion.

Chairman Hartley called for discussion under agenda item #13, Executive Director Issues/Items. Mr. O'Neal said he did not have anything else for discussion.

Chairman Hartley asked for discussion under agenda item #14, Board/Chairman Issues/Items. The board had nothing further for discussion.

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Chairman Hartley called for a motion to adjourn. Commissioner Lewis made a motion to adjourn which was seconded by Commissioner Tallman. The meeting was adjourned.