

**RAPPAHANNOCK REGIONAL  
SOLID WASTE MANAGEMENT BOARD**

Wednesday

November 18, 2009

Gari Melcher's Home and Studio

Belmont, 224 Washington Street, Fredericksburg, VA 22405

**Meeting Convened.** A regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) was convened at 1:20 P.M., Wednesday, November 18, 2009, at the Gari Melcher's Home and Studio, Belmont, 224 Washington Street, Fredericksburg, VA 22405.

**Roll Call.** The following members were present: George Solley, Chairman; Beverley R. Cameron, Matthew J. Kelly; Paul V. Milde, III, and Anthony J. Romanello. Vice Chairman; Harry E. Crisp was absent.

Also in attendance were: William H. Hefty, Esq., R-Board Attorney; Robert L. Hundley, Resource International, Ltd., Consulting Engineer; Tim Barody, Deputy County Administrator; Andrew J. Mikel, Superintendent of Solid Waste Management; Diane L. Jones, Recycling Coordinator; Julie May, Analyst, and Patricia S. Rowe, Clerk.

Others in attendance were James Lawrence, citizen of City of Fredericksburg, Va.

Mr. Kelly motioned, seconded by Mr. Cameron, to approve the August 19, 2009 minutes.

By voice, the vote was:

Yea:	(5)	Cameron, Kelly, Milde, Romanello, Solley
Nay:	(0)	

**Presentation by the Public:** Mr. Lawrence reported on the following:

- Recycling downtown in the City
- Cardboard recycling efforts in City

**Report of the R-Board Attorney.** Mr. Hefty reported there is no litigation against the R-Board at this time.

**Report of the Consulting Engineer.** Mr. Hundley reported on the following:

**Permit No. 589 (Cells A/B/C/D/E – Active)**

- The VDEQ is prepared to issue the Part A for the Phase 2 expansion area. The wetlands and stream restoration permit has been issued, and the VDOT entrance permit authorization will be managed through a condition within the Part A approval.
- Resource prepared the annual landfill financial assurance documentation for Finance and the corresponding documentation for the auditor as requested.
- Resource and the Landfill Superintendent are continuing communication with VDEQ Air Division regarding modifications to the facility's permit for total emissions.
- Resource has prepared closure construction drawings for portions of Cells B, C and D for potential bidding as required.
- Resource has submitted additional information requested by the VDEQ water division relative to the previously submitted composting permit application. A VPA (Virginia

- Pollution Discharge) storm water permit is required for the composting facility. The VDEQ is trying to decide whether the final product must be kept under roof or may be stockpiled without cover.
- Resource is assisting as requested with review of the recent grant application prepared by Ameresco as it pertains to the permitted closure cap detail.

**Fredericksburg Landfill**

- Landfill gas levels at the Cool Springs Road Landfill have returned to below compliance levels. The plan to bring the existing below grade portions of the extraction well vaults above grade will be phased in over time.

**Report on Finances:** Mr. Mikel reported on the following:

- Landfill Aging Report
- Weight and Material Analysis
- Landfill Revenue
- Landfill Expenses

Mr. Mikel stated that the landfill is tracking somewhat behind on finances. He has talked with the contractors about increasing their business.

**Report of Staff:** Mr. Mikel reported on the following:

- Dovetail nominated the R-Board for an award to recognize its efforts in historic preservation of the civil war sites. The R-Board came in second.
- E-4 Certification – The R-Board is close to obtaining its E-4 Certification which would be the first in the state.
- Waste Tires – The R-Board is working with a local contractor to handle waste tires. This would save the R-Board transportation to the Fairfax site and the tires can be used as alternative cover at the landfill. The R-Board is seeking reimbursement of \$22.50 per ton from the VDEQ Waste Tire Program.
- Backyard Composting 101 – Fall composting classes ended in October with 261 participants keeping more than 41 tons of organic material out of the landfill. Classes will resume in March.
- Energy Efficiency and Conservation Block Grant - Federal American Recovery and Reinvestment Act monies funneled through the Virginia Department of Mines, Minerals and Energy were recently made available to local governments for renewable and energy efficiency initiatives. Staff worked with Ameresco to develop a plan to incorporate solar panels into the needed cap on cells A-D. The plan would generate nearly 500 kW of electricity that would be wheeled into the grid via the existing landfill gas power plant. Staff met with a representative of United Solar, the company that makes the solar panels, and representatives from Germanna Community College for collaboration on turning the Regional Landfill into a Renewable Energy Park that would offer job training and function as a learning laboratory for the community. Staff plans to work with Ameresco on additional federal funding opportunities for the later phases of this project that are outlined in the enclosed grant proposal narrative.
- State Grant – The R-Board is in receipt of the Virginia Litter Prevention and Recycling grant amounting to \$21, 200. The monies will be used to help offset costs incurred by the R-Board’s road cleaning.

Mr. Milde motioned, seconded by Mr. Kelly to approve proposed Resolution RB09-12.

By voice, the vote was:

Yea: (5) Cameron, Kelly, Milde, Romanello, Solley  
 Nay: (0)

**Resolution RB09-12 reads as follows:**

A RESOLUTION TO AUTHORIZE THE BID AND AWARD OF A CONTRACT FOR GAS  
EXTRACTION WELLS

WHEREAS, the staff is requesting approval to submit for bid and award a contract for gas extraction wells; and

WHEREAS, in keeping in compliance with the air permit, the R-Board is required to install gas extraction wells within five (5) years of the date of when waste is in place; and

WHEREAS, the Regional Landfill's Cell C is at that five year point;

NOW, THEREFORE, BE IT RESOLVED by the Rappahannock Regional Solid Waste Management Board on this the 18<sup>th</sup> day of November , 2009, that the County Administrator be and he hereby is authorized to start the bid process and award a contract for the gas extraction wells in an amount not to exceed TWO HUNDRED THOUSAND DOLLARS (\$200,000).

**Future Session:** The next regular meeting will be held on Wednesday, February 17, 2010, ABC Conference Room, Stafford Administration Center.

**Adjournment.** The Chairman adjourned the meeting at 1:40 P.M.

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George Solley, Chairman

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Harry E. Crisp, Vice Chairman

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Patricia S. Rowe, Clerk

