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HiPoint Agro Bedding Corp. (HPAB) is thrilled to have confirmation from the Amec Foster Wheeler Environment & Infrastructure, a Division of Amec Foster Wheeler Americas Limited (Amec Foster Wheeler) study that the HPAB process© can efficiently recycle waste wood shavings through separation, drying, processing and packaging for reuse, with little to no emissions.

The goal of HPAB is to create an environmentally friendly method to re-use a significant portion of the bedding material using energy efficient and low or non-emitting equipment to avoid any local environmental concerns. HPAB plans to bag the final recycled product for re-sale back to the equine facilities. Currently, disposal and purchase of new bedding material is the industry standard. Quotes MacKinnon.

HPAB is completing site validations in North America and International markets to recycle waste bedding shavings in areas of high horse & rider populous, where inadequate stockpiling of manure has caught the attention of the EPA the region and the public causing significant environmental concerns with the use and improper disposal of equine bedding material.

Amec Foster Wheeler conducted the technical review and third-party verification study of the plans for the equine bedding recycling facility. Incorporating a desktop review of all available electronic files and documentation provided by HPAB in relation to the proposed equine bedding recycling facility operations. This included specification sheets and quotations provided by equipment vendors. Development of mass and energy balances, review and quantify the air and water emissions, plus verification of the connected components. Amec Foster Wheeler based on the assessment of the facilities proposed equipment and process stages conclude:

- The HPAB Equipment is sufficiently sized to handle the require volume throughput
- The HPAB dryer system, when using an indirect fired burner, can reduce emissions compared to rotary dryers that are vented to the atmosphere
- There should be operational and energy efficiency improvements for the proposed system as compared to other conventional dryer technologies
- There are no chemicals used in the separation and drying process of HPAB
- The HPAB process can effectively remove horse manure fecal matter for composting and efficiently recycle waste wood shavings through separation, drying, processing and packaging for reuse.
- Amec Foster Wheeler will engage with HPAB clients to bring a customized solution to meet their needs.

HiPoint Agro Bedding Corp (HPAB) is very proud to enlist the expertise of international engineering firm Amec Foster Wheeler as independent third-party advisors to engineer, and build the HPAB designed process, a state of the art facility to recycle spent horse bedding through handling, drying, separation, and treatment processes.

About HiPoint

HPAB is about to change the way equine bedding is handled by implementing a state of the art bio-secure shavings recycling facility using an advanced technology process that will become an integral part of modern horse farms and County operations. Turning an undesirable waste stream into a multi-faceted profit stream solving the new "great manure crisis" and a \$4.5 Billion-dollar niche market. The HPAB Result: an efficient use of resources, cost savings and a reduction of environmental hazards; such as illegal dumping, nutrient leaching, and phosphorus overloading into our soil and water. HPAB will provide a cost-effective solution to the massive surplus of waste horse bedding while creating a sustainable business model for the local equestrian market that has been validated by early adopters and research. Through proven methods we can handle manure used bedding better, reducing environmental impacts and creating new revenues via tipping fees, horse shavings, organic compost and methane capture and energy production. Quotes Cross.



HiPoint Agro Bedding Corp

HPAB Process 2017©

protecting our environment
and your horse.

About Amec Foster Wheeler.

Amec Foster Wheeler plc is a British multinational consultancy, engineering and project management company headquartered in London, the United Kingdom with over 160 years' experience operating in 55 countries with \$6.7 billion in revenues. They support UN Global Compact. Wood group has combined with Amec Foster Wheeler to form a new global leader in the delivery of project, engineering and technical services to energy and industrial markets.

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